

Vhf-UhfDIGEST

The Official Publication of the Worldwide TV-FM DX Association

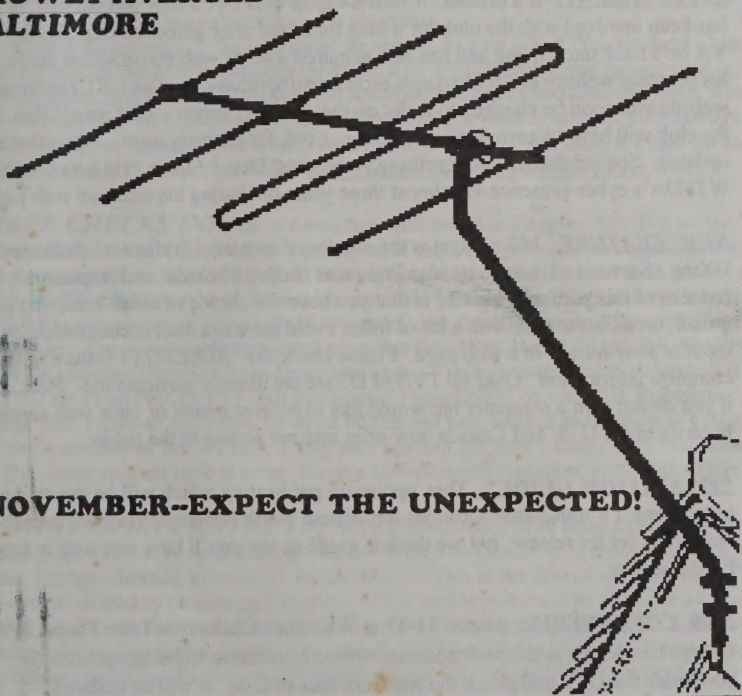
NOVEMBER 1999

**MORE AMAZING
SUMMER DX RESULTS**

**HAWAII: THE ULTIMATE
DX/TRAVEL DESTINATION?**

**THE BASICS OF
TROPO DX PROPAGATION**

**TOWER TRAGEDY
NARROWLY AVERTED
IN BALTIMORE**



IT'S NOVEMBER--EXPECT THE UNEXPECTED!

WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION. DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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Original Cover Design: Harry Hayes

FROM THE STAFF:

WANTED: **ETV DX Column Editor.** Russ Miller's resignation from this position has created an immediate need for a volunteer to assemble this important feature. Please apply to any member of the Board of Directors. This is an excellent time to assume a post of this nature as the reports are generally quite sparse at this time of the year. You'll get plenty of advice and support from other editors. Many thanks to Russ for his excellent handling of ETV DX...we all hope that sometime in the future he will find time to help WTFDA in yet another capacity.

APPOINTMENT: It's official...Tim McVey is WTFDA's new webmaster. A TN native, Tim has been involved with the club for a long time; and after globe-trotting his way to Warrenton, VA he's back into DXing and has also acquired a lot of web construction skills. Take a peek at his personal website at <<http://users.erols.com/tkmcvey/>>. The URL (address) for WTFDA's website will soon be changed to a slot on the ANARC server. That means that, for the first time, the club will have its own dedicated space. Look for changes soon. This column will keep you updated. Special thanks to our retiring webmaster David Austin. He gets credit for launching WTFDA's cyber-presence via almost three years of sharing his personal web page with the club.

NEW FEATURE: Mike Bugaj is the creator of an e-mail "reflector" dedicated to FM and TV DXing. Services of this ilk are also known as 'bulletin boards' and 'repeaters'. One of the nice features of this particular service is that you have the choice of either receiving postings as e-mail; or, as is the case with a lot of folks, avoid the extra mail accumulation by viewing the input *at your leisure* in a web page. Please check the "MAILBOX" feature in this issue for complete information. Over 60 TV/FM DXers are already participating. Here's a reminder that if you do not own a computer but would like to receive e-mail or view web content, many public libraries in the U. S. and Canada now offer internet access to the public.

"TV STATION GUIDE": This, upcoming publication which will be devoted to maps pinpointing TV transmitter locations throughout North America, has inadvertently been delayed. No date is set for release, but we think it's safe to say you'll have one well in time for the 2000 E-skip season.

2000 CONVENTION: August 11-13 at Whiteface Chalet near Lake Placid, NY. Host Peter George has details at this web address: <<http://welcome.to/lakeplacid2000>>. Please bookmark the URL and check the site from time to time. It will be updated.



WTFDA MAILBOX

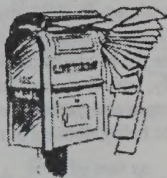
P.O. Box 501

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Mike Bugaj

Ikona@netcom.com

THE FROST IS ON THE PUMPKINS-Nov '99



And not only that, it's all over my car, and on my car's windows. Somebody hand me the can of defroster. This is the time when TV and FM DXers usually start to go into hibernation. But not this year...we have something else to keep us busy. More about this later. A big thanks goes to the following people for renewing: Steven Chudoff, Dennis Smith, Saul Chernos, Fred Vobbe, Jeff Kadet, Paul Kinnaly, Kurt Nelson, Kenneth Burns, Steve Sprachman, Joe Gragg, Steve Solomon, Keith Short, James Snow and Wayne Benkinney. Glad to have everyone here as we stumble closer to the year 2000.

YOU HAVE MAIL! Ah, yes...words that are dear to the hearts of computer users. Announcing the arrival of the **WTFDA EMAIL DX LIST**, just for WTFDA members and invited guests. The WTFDA list is a super way to post DX alerts, buy/sell or trade equipment or whatever your heart desires, read original articles by such famous DXers as **Bob Cooper**, keep up on TV and FM station call and format changes, read up on new events in the radio world, receive special discounts on equipment from club members, discuss just about anything and maybe even have a contest or two! You don't have to wait until the next VUD arrives to keep up with what's happening in the club. You get it in today's email.

You can choose to receive individual messages, a daily digest of messages, or you can choose to view all of the messages on the Topica.com website (www.topica.com). If you have concerns about receiving too much email, viewing messages on the website is a great alternative.

You can subscribe in different ways. 1. You can email me and I'll do it for you, 2. You can send a blank email (nothing in the subject line or in the text area) and send it to: WTFDA-subscribe@topica.com, or 3. You can go to www.topica.com/lists/WTFDA, view our homepage on Topica and subscribe there. When you subscribe at our homepage on Topica you can select the method you want to view the daily messages. It's easy and 60 of your fellow members have already done it! Remember, **it's your club, it's your list and it's YOUR PERK!** Questions? Email me at either ikona@netcom.com or mbugaj@snet.net. Enjoy it!

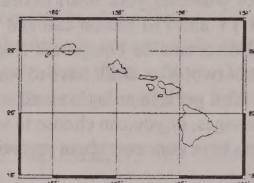
NEW MEMBER CHECKS IN! Here is a note from **Bill Smith** in Douglas, MA. Bill writes: "I am not really an avid DXer. What I am is doing is getting rid of cable and getting some outside antennas up. I have fixed mounted a 14 element UHF yagi on Boston. Bought it at a flea market. I think it's one of those that the old pay TV station (maybe ch.27) used to use. Then I fixed mounted a 7 element. I have a large parabolic that I'm going to rotate. The parabolic was purchased about 25 years ago from RS. Largest one they had at that time. I'm going to refurbish it and rotate that for DXing. Hopefully, it's OK. For VHF I have a couple of old antennas. Hopefully I can clean them up too. I'm really interested in all kinds of DX from LW up to TV. I am a ham (WA1NYV) Tech plus license. I have DXCC on 10m SSB. Right now I'm mostly on 144mhz SSB. I have an egg beater up about 60 feet and have worked as far south as VA and north to NS. I was a member of the WTFDA a long time ago and got your address from Monitoring Times". (Well, Bill, make yourself right at home. It's nice to have another neighbor in the club - Mike).

ANYBODY WANT TO DX DIGITAL TV? Rick Shaftan received an email from George Fey at Hauppauge Computer which says the following: "Hello - WinTV-D (Model 697) is now available for the United States. See specification information which follows. This is the first of several digital TV products which will be released by Hauppauge Computer. MSRP on this model will be \$349. For a limited time it will be available directly from our sales department at just \$299 plus shipping charges. We accept Visa, Mastercard and Amex. Thank you. George Fey, Sales Dept." This is the card that Jeff Kadet uses in his computer to convert digital signals to analog. Now you can be first on your block to have one!

YOU ASKED FOR IT...YOU GOT IT! The WTFDA's First Email DX List @ topica.com.

TVDX...HAWAIIAN STYLE. From Bob Cooper: "Your note about the Hawaii-California (or west coast) duct caught my attention. Yes, there have been numerous reports from both ends over the years and one pity is that nobody with DXer inclinations has been the guy to do it at either end. Otherwise our record books would have some outstanding listings. There are several other paths around the world that do as well or better, as often or more often. From the west coast of Africa to the eastern tip of South America is one well known tropo bulge spot. Another is along the southern coastal regions of Australia from west coast south of Perth to east coast near Adelaide and further east. The one that I always found most fascinating is across the "Atlantic Summer High", or "Bermuda High." Back in the 50s, at the US Air Force Base on the island of Terceira in the Azores, a (US) ham with appropriate background found that during the late May to late July period he could have reception for days on end from all along the eastern USA seaboard on the FM radio band - down to Virginia at least, northward to the Canadian Maritimes. In 1991, my wife Gay and I hauled a 100 watt 10/6/2 meter station, antennas, TV DXing gear to Terceira where we stayed for nearly a month (June). We rented a house, put up the antennas and waited for the fun to begin. Going east, the Spanish and Portuguese FM and high band TV stations were if not daily, very frequent - around 900-1000 miles. But alas, even though we drove to the top of a 2,500 foot mountain and parked there for hours looking west (thinking as with California being up higher on one end might help), nothing but Es to the west.

The point of all of this is that assuming after all of these years we cannot arrange for someone in Hawaii to get the TV and FM Dxing bug, why not consider a summer-long Dxpedition to an appropriate spot on the eastern slopes of a properly placed mountain there? I think with some ham radio friends there I might



locate the spot, what would next be required is for individual Dxers to arrange their own vacation time and co-ordinate their schedules so the Dxpedition was manned from say, June first to mid September. The hams have worked VHF and UHF two-way from mid-Mexico north to Seattle (to Hawaii), so the arc or window of possible transmission sources is quite wide. Further, with FM and even LP TV stations scattered from sea level (+ a few feet) to 6,000 feet plus, the stratification question could easily be answered (sometimes hams right at water line make the grade from CA, other times only those up in the mountains of CA). By the way, hams have worked VHF-UHF inland as far as Nevada.

So, how about a group project for 2000? Say a week minimum per guy, maximum two weeks, coordinated by yourself, built around a quality search of VHF and UHF for the 10 week or so period that most offers the window of opportunity. This warning...rarely, but it happens - some summers pass with no openings at all!" (Ok folks, do you have the vacation time and the plane fare? This could be fun! -mb)

A HOT NEW FM TUNER WITH RDS! Neil Kazaross has a new toy...a tuner with RDS built in! Neil writes: "I have a new tuner here for FM which will basically replace my Onkyo T4870 w/McVey filter board as my main FM workhorse. It is an Onkyo T4711 obtained from Ed Hanlon of APS and Don Scott. They modified it by replacing the 6 filters w/narrower ones and did a few other things to improve audio. Here's how the two tuners stack up versus each other. Both are very sensitive and it seems that I can get the stereo light to come on a bit easier with the 4711. However, as I can get most FM DX with 20db of attenuation switched in, sensitivity is not an issue in my overcrowded signaled world here. I was hoping for even better selectivity with the 4711 than the 4870. When tuned on freq, the 4870 is still somewhat more selective than the 4711. That McVey board is great. However, the 4870 does not tune off frequency and the 4711 can fine tune every 25khz. By tuning 25 and occasionally 50 khz away from my slopping local, I can clearly get better audio with the 4711 than the 4870. Now I can work DX on frequencies adjacent to my Chicago locals with my antennas aimed right at Chicago with more ease than before. It is now easier to listen to a couple of adjacents in Lafayette IN, exactly the same SE direction as Chicago. The 4711 also has RDS, which I hope will really catch on in the U.S. Audio seems to sound a bit better on the 4711 which may be a function of the slightly wider selectivity when tuned exactly on frequency.

LAST BUT NOT... You know, people are funny. Most of us go on with our lives from day to day, plugging along, doing our jobs, and the only times we hear from anyone regarding the quality of our work is when we mess up. One person who does a load of work here but quietly stays in the background is our publisher, **Bill Thompson**. Last month Bill got an article on HDTV from me from out of nowhere. He ran the article, somehow came up with a cover and published the VUD on time. He's never complained about anything I ever sent him. His VUD on-time delivery percentage is 98%+. I'm surprised he's not suffering from job burnout. Thanks, Bill! CU in 30 -Mike

QSL CORNER/LOGOS RUN



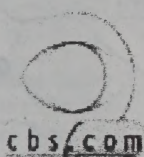
Special points of interest:

Send by mail at:

Thomas J. Yingling,
Jr., 221 Pinewood
Road, Baltimore, MD
21222-2345

E-Mail at:

KA3TCC@EROLS.



THIS COLUMN RETURNS !?! YES, BUT SHORT OF ITEMS.

From: <FmAtlas@aol.com> Bruce Elving

A QSL from the only skip station so far for this season—WJIS

*88.1, The Joy FM, 6469 Parland Dr., Sarasota FL 34243. It is licensed to Bradenton FL.

Short note written on greeting card stationery, and inviting me to check them on the Internet at www.thejoyfm.com

Signed by Jeff MacFarlane, general manager

From: FmAtlas@aol.com Bruce Elving

KLOP 92.1 Madison MN: Maynard R. Meyer, general manager/chief engineer sends letter thanking for the reception report. I am not the most distant reporter.

They have heard from DXers in Kentucky and North Carolina. [Their mailing address is PO Box 70, Madison MN 56256.]

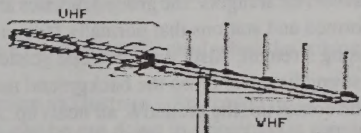
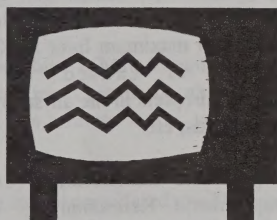
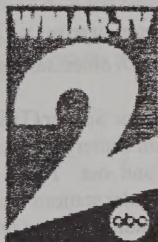
They are now 25 kw, with the new transmitter installed less than a year ago, when it increased from 3 kw. Is on 24 hours a day with computer automation, no satellite. Sent a bumper sticker.

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From: FmAtlas@aol.com Bruce Elving, 241 Anderson Road, Esko MN 55733-9413.

K215CD *90.9 Windom MN, % translator licensee, Lutheran Church of Our Savior, 1157 Third Avenue, ZIP 56101-1452. Pastor Paul Woebeke verified this WAFR Tupelo MS translator, after I heard a local announcement on the translator promoting the church. He wrote: "You hold the record for hearing our broadcast. The atmosphere has been perfect for that, though I have to admit I do not understand how that all works!" The translator operates 24 hours a day, and I learned from the letter it is 250 watts. Enclosed was a church bulletin and WAFR program guide.

Monophonic WHID *88.1 Green Bay sent a specific letter verification to my report of reception. From Glen Slaats, regional manager, Wisconsin Public Radio, 2420 Nicolet Dr., ZIP 54311. Also included were program guides and a list of other NPR stations. WHID has been heard by someone listening across the lake in lower Michigan, besides being heard west of Duluth. "This amazed us too," he said. "WHID is always mono. Some of the Ideas Network stations do switch to stereo for weekend programming."

TROPO 101

The following article was posted on the New WTFDA Email DX List in Late September.
It was written by DXer and meteorologist Bill Hepburn

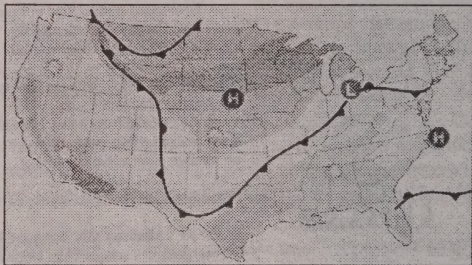
The modes are defined by the mechanics behind them. A Tropo DX mode is any condition that scatters, reflects or refracts signals in the Troposphere allowing DX to occur. Refraction occurs when the normal Index of Refraction has been altered (boundaries between different types of air masses usually cause this).

Enhancement and ducting in particular form a grey line. As a rule of thumb..Enhancement is DX via inversions below 1500 ft above ground...Ducting is DX via inversions above 1500 ft. (The layer of the troposphere below 1500 ft is called the "boundary layer" in meteorology).

Tropospheric V/UHF DX Modes..

Line-of-Sight (GW)...is normal continuous reception where the receiving and transmitting antennas can see each other..taking into account the 4/3 Earth curvature of radio waves.

Tropospheric Scatter (TrS)...is ever-present under normal conditions. That's the mode that produces the distant fluttery signals that randomly fade in and out. These are your most distant regular stations that barely make it in. Depending on your location and equipment..tropo scatter can extend to 200..300 or even 400 miles. The theoretical maximum limit is 500 miles. Scatter is caused by small particles/droplets in the air such as haze, duct, clouds, etc.



Tropospheric Enhancement (TrE)..(aka Tropospheric Refraction) is common under normal conditions. On most clear nights..the ground radiates and the air near the ground cools. Eventually an inversion is formed and stations that normally fade in and out via tropo scatter come in continuously..with increasing strength. Also..weaker tropo scatter stations that are normally not heard (because their signal strengths never cross the background noise threshold signal level) also begin to appear. When the sun comes up..the ground & air heats up..the inversion breaks down..and the enhancement disappears. The enhancement is subtle on some nights..and very obvious on other nights. Distances are no different than your tropo scatter catches..it's just that the signals are stronger. Tropo enhancement is greatly influenced by terrain. From a DXers point of view, multiple directions usually are enhanced at the same time.

Tropospheric Ducting (TrD)..is an abnormal condition. An inversion has formed at a much higher level above the ground. This inversion is not formed due to nighttime radiation/cooling..but rather because of some other weather phenomenon (high pressure subsidence aloft, warm frontal boundary, cold frontal boundary, oceanic or lake inversion, Chinooks, etc). Because of this..ducting can occur day or night (though it strengthens at night)..is not normally influenced by terrain (East of the Rockies)..and from a DXers point of view is normally either uni- or bi-directional. In fact..typical ducts are sharply directional.

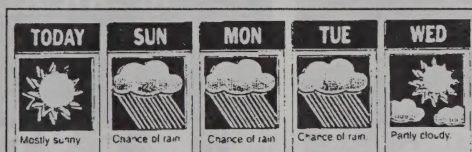
Distances are theoretically unlimited. One large area can have multiple ducts going on simultaneously..but they are usually parallel paths. It is possible in a very strong high pressure system to have large areas of ducting creating multi-directional openings. These are the rare "blockbuster" openings that make DXers mouths water.

Special Cases..

Rain Scatter (RS)..is a rare mode that sometimes occur on the higher UHF-TV channels. A band of very heavy rain (or rain and hail) at a distance can scatter or even reflect signals. The effect is the one used for microwave Weather Radars. Distances are typically around 100 miles..though up to 400 miles is theoretically possible. (Note that heavy snow is not an useful reflector).

Ice Pellet Scatter (SS)..(called Sleet Scatter in the US)..is similar to Rain Scatter but is caused by bands of Ice Pellets in the wintertime.

Aircraft Scatter (AS)..(aka Tropospheric Reflection) is simply reflection off of aircraft..although reflections off of flocks of birds are also possible. A rare form of reflection is "Chaf Scatter". Chaf is strips of metal foil sent out by the military during training exercises. Chaf helps to confuse enemy radars..but also helps to produce DX. Maximum distances for all reflection modes are again up to 500 miles.



Lightning Scatter (LS)..is a mode that is sometimes discussed..but there is little documentation on it. The theory is that lightning strikes produce ionized trails. Reception is similar to other forms of scatter except that the DX is more burst-like similar to MS. LS is a mode that is very hard to distinguish and rarely reported.

Reflections off of hills and mountains..and Knife-Edge Diffraction are not considered true DX modes since they are omni-present..though they can help to extend DX via the other modes.

Backscatter and Sidescatter are terms normally used when describing ionospheric DX.

As far as forecasting Enhancement vs Ducting.....the reason that I stick with just Ducting is because it is a large-scale phenomena..can be put down in a forecast in a reasonable amount of time..and produces the best tropo. Enhancement is forecastable..but it is so dependant on regional and local terrain and conditions that it would be a labour-intensive effort (not to mention a very lengthy one) to forecast for all of North America. The process that one would have to use to properly forecast Enhancement for a particular area is the same that a meteorologist would use to forecast overnight low temperatures, chance of fog patches, etc. I hope this helps out a few DXers out there. -Bill Hepburn

THE NEW WTFDA EMAIL DX LIST IS HERE!

To subscribe, send a blank email addressed to: WTFDA-subscribe@topica.com

DX alerts, buy/ sell/ trade, discussion, station changes, contests, articles and more

PHOTO-NEWS

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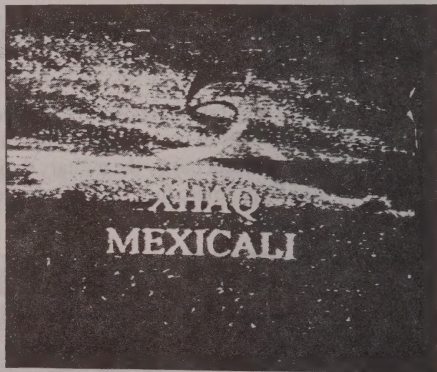
November 1999

Here's some recent photos from the DX magnet at Danny Oglethorpe's house, Shreveport, LA:

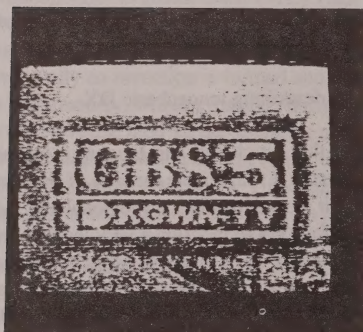
Equipment: Various TVs and VCRs. Winegard PR-5040 VHF @18 ft. AGL; Channel Master 4257 Quantum corner-yagi UHF w/Winegard GA-4700 @24 ft. AGL.



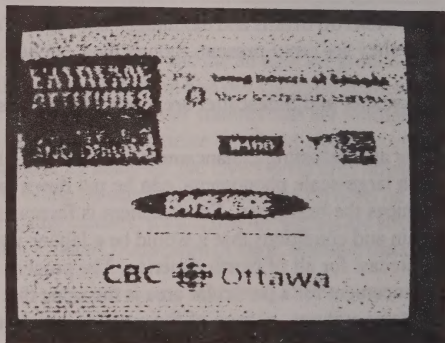
KNME-5 Albuquerque, NM
764 mi Es seen 6/30/99
@1553 CDT



XHAQ-5 Mexicali, BCN
1265 mi Es seen 6/22/99
@1710 CDT



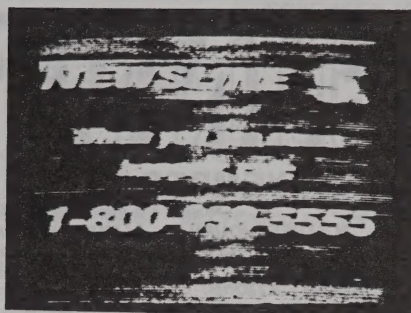
KGWN-5 Cheyenne, WY
859 mi Es seen 7/1/99
@1300 CDT



CBOT-4 Ottawa, ON
1324 mi Es seen 5/23/99
@2130 CDT



KCSG-4 Cedar City, UT
1151 mi Es seen 6/21/99
@ 2005 CDT
"Pax net"



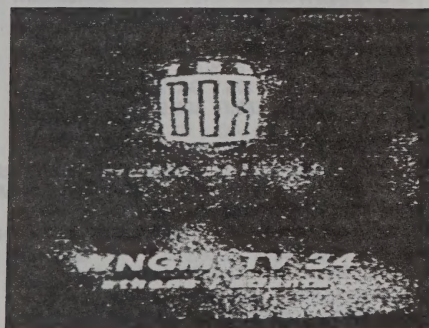
WOI-5 Ames, IA
650 mi Es seen 6/30/99
@ 1145 CDT



KVTV-13 Laredo, TX
481 mi Tr seen 1/20/99
@ 2205 CST



K30EM-30 Houma, LA
263 mi Tr seen 1/19/99
@ 1000 CST
"HTV, w/Thibodaux/Morgan City"



WNGM-34 Athens, GA
585 mi Tr seen 2/18/99
@ 0902 CST
"the Box, Athens/Atlanta"



WCOV-20 Montgomery, AL
436 mi Tr seen 1/27/99
@ 0500 CST

FM NEWS

NOVEMBER 1999

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KEY TO ABBREVIATIONS:

&: satellite programming
AF: New frequency allocation **accepted for filing** for a new FM license
AFA: American Family Association
CC: **call letter change**
CL: **city of license change**
CX: a **construction permit** has been **canceled**
C1,C2,etc.: a change in status to that FM license **class**
DA: **directional antenna**
DE: station has been **deleted**
FC: **format change**
GA: **granted amendment** to the table of FM allocations
GE: **granted extension of construction permit**

GX: **granted replacement** of expired permit
LC: **license to cover** filed (means station is ready to come on air)
MC: **multiple-city** legal ID
NC: **no change** yet on a reported change/permit
ND: **non-directional** antenna
NO: **not on the air**
NS: **new station** granted
NW: **new station** signs on
OSA: **one-step application** granted for change
PA: **proposed amendment** to change FM table of allocation
PC: **power change** on the air (">" for increase, "<" for decrease, when known)

PG: **power change** granted (">" for increase, "<" for decrease, when known)
QG: **frequency change** occurred
QG: **frequency change** granted
RA: **silent station returns to air**
RE: station **requests extension** on permit
RX: station **requests replacement** of expired permit
SG: **slogan change** or update
SI: **station is silent**
XA: **dismissed amendment** to FM allocations
XC: **transmitter site change** occurred
XG: **transmitter site change** granted



UNITED STATES

ALABAMA:

Dora: WZJT 92.5 FC to EWTN Catholic radio (&) (Birmingham)
Montgomery: WBAM 98.9 FC to CHR "Star 98.9"
Montgomery: WQKS 96.1 FC to 80's hits

ALASKA:

Houston: KJHA 88.7 PG> 340w, -125 ft.
Houston: KAQX 96.3 CC (NS)
Juneau: KSRJ 102.7 CC (ex KAKZ)
Juneau: KFMG 100.7 CC (ex KAMT)
Kasilof: *NS 90.5 AF

ARIZONA:

Flagstaff: *NS 103.7 GA: add class C3
Littlefield: *** 100.9 PA: add class C
Oraibi: KBDT 98.9 GA: to class C - Leupp, AZ
Wickenburg: KSWG 94.1 adds Real Country (&)

Zephyr
THE NEW 102.9 fm
ROCK ALTERNATIVE

ARKANSAS:

DeQueen: KBPU 88.7 CC (NS)
Elaine: *** 95.5 PA: add class A
Gurdon: KYXK 106.9 FC to ABC oldies (&)
Heber Sps: KBMJ 89.7 QG to 89.5
Lakeview: KKTZ 93.5 CC (ex KBFY), NW, AC
"Hits 93.5"
Melbourne: *NS 90.3 AF
Mountain Home: KOMT 107.5 CC (ex KKTZ), FC to JRN adult standards (&) "Ozark Mountain"

CALIFORNIA:

Avenal: KAAX 105.7 reported SI
Big Pine: KRHV 93.3 NW, hot AC & modern rock // KMMT
Carmel Valley: *** 105.9 GA: add class A
Hamilton City: *** 101.7 GA: add class A
Laytonville: *NS 91.9 AF
Lost Hills: *** 105.7 GA: add class A
Mammoth Lakes: KMMT 105.9 FC to hot AC & modern rock
Maricopa: *** 94.9 GA: add class A
Marina: KMJO 92.7 CC (ex KRQC), FC to rock // KSJO (Monterey) (Mark and Brian in the AM remain, // KSJO otherwise)
Morro Bay: KKAL 99.7 CC (ex KWWV) FC to Real Country (&)
Oceanside: KXST 102.1 GA: to Encinitas, CA - B
Pt. Arena: KSRT 107.1 CC (ex KBPC)
Sacramento: KBMB 103.5 PG> 6 kW, 312', DA
Sacramento: KSEG96.9 XG: 38-38-53 / 121-28-38
San Joaquin: KWOL 105.5 CC (ex KVPC)
Santa Barbara: KRUZ 103.3 XG: 34-31-29 / 119-57-32

California:

Santa Margarita: KWWV 106.1 CC (ex KKAL), FC to dance "Kiss" (San Luis Obispo)
 Seaside: KSES 107.1 CC (ex KVRG), FC to EXCL Spanish CHR (&) (Monterey) "Super Estrella"
 South Lake Tahoe: KZZF 102.9 PG> 39 kW, 2926', XG: 39-18-38 / 119-53-01
 Stockton: KQOD 107.1 FC to rhythmic oldies "Mega"
 Vacaville: KUIC 95.3 PC> 490w
 Willows: K215DG 90.9 NS-80w(v): KEFX-ID

COLORADO:

Craig: *NS 88.3 AF
 La Jara: *** 92.1 GA: add class A
 Lamar: KWAY 105.7 adds Real Country (&)
 Westcliffe: *** 99.3 GA: add class A

FLORIDA:

LaCrosse: WBXY 99.5 CC (ex WRKG), FC to Hot AC "Star 99.5" (Gainesville)
 Marathon: WWWW 97.7 CC (ex WKTS)
 Marco: WGUJ 98.9 FC to talk (Ft. Myers)
 Marianna: WTYS 94.1 CC (ex WBNF) "We Think You're Special"
 Midway: WOKL 100.7 FC to oldies (new format expected soon) (Tallahassee) CC (ex WJZT)
 Navarre: WGCX 95.7 PC 2.3 kW, 535' XC: 31-13-59 / 87-03-28
 Newberry: WRKG 100.5 CC (ex WBXY), FC to JRN classic rock (&) (Gainesville)
 Stuart: WZZR 92.7 adds Lex & Terry
 Tampa: WMTX 100.7 CC (ex WAKS) "Mix"
 W Palm Beach: WXL 90.7 PG> 50 kW, 899', DA

GEORGIA:

Athens: WYAP 95.5 CC (ex WNGC), FC to CHR "The Beat" (Atlanta) (also moves tower in to join the Atlanta market), dec. to 977', C1, XC: 33-55-51 / 83-47-00
 Martinez: WUUS 107.7 FC to urban "Power 107"
 Redbud: *NS 91.3 AF
 Ringgold: WSGC 101.9 FC to classic hits
 Rossville: WLMX 105.5 FC to rock "Rock 105"
 Thomasville: WTLY 107.1 CC (ex WOKL), FC to hot AC "Mix" (Tallahassee)
 Tifton: WKZZ 92.5 NW, CD Country (&)
 Toccoa: WNGC 106.1 CC (ex WSTE) "North Georgia Country"

HAWAII:

Hanapepe: *** 94.3 GA: add class C1
 Holualoa: *** 92.1 GA: add class C2
 Honokaa: *** 102.9 GA: add class C2
 Kihei: *** 107.5 GA: add class C2
 Kurtistown: *** 102.1 GA: add class A
 Nanakuli: *** 106.9 GA: add class A
 Wahiawa: *** 103.5 GA: add class A

IDAHO:

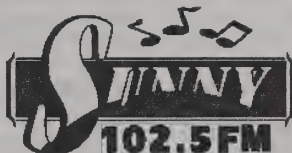
Coeur d'Alene: KCDA 103.1 FC to hot AC "Mix 103.1" (Spokane)
 Hazelton: *** 94.3 GA: add class C3
 Kootenai: *** 106.7 GA: add class A
 McCall: KBPH 90.7 CC (NS)

ILLINOIS:

Fairfield: WFIW 104.9 FC to soft AC (&)
 Joliet: WCSF 88.7 FC to hot AC "The Super Station"
 Mt. Olive: WAOX 105.3 GA: to A - Staunton, IL
 Quincy: WCOY 99.5 FC to country "Coyote Country"
 Rantoul: WZNF 95.3 FC to country "B95"
 Tuscola: WEBX 93.5 FC to rock "Extreme 93.5"

INDIANA:

Clarksville: WYBL 93.1 CC (ex WQSH), FC to country "The Bull" (Louisville)
 Mt. Vernon: WYFX 106.7 CC (ex WBLZ) "Fox"
 Muncie: WWDG 90.5 PG> 100w, 172 ft.
 New Albany: WLSY 94.7 FC to religion and TWM cont. Christian (&) (Louisville)
 New Haven: WJFX 107.9 PG> 3.2 kW (cir), 453', DX, XG: 41-01-26 / 85-03-51
 Salem: WQSH 98.9 CC (ex WHKW), FC to modern AC "She 98.9" (Louisville)
 Seelyville: WTHC 95.9 FC to AC "Sunny 95.9"
 Veedsburg: WSKL 92.9 noted NOT on the air yet

**IOWA:**

Ames: KCCQ 105.1 FC to modern rock "Channel Q" (Des Moines)
 Chariton: KELR 105.5 QG to 105.3 - C2, PG> 50 kW, 387', XG: 41-00-49 / 93-17-28
 Lake Mills: *NS 89.1 AF

KANSAS:

Belle Plaine: KANR 92.7 adds talk to news format
 Coffeyville: KKRK 98.9 CC (ex KUSN), FC to classic rock
 Dearing: KUSN 98.1 NW, CC (ex KKRK), Radio One country (&)
 Galena: KBGZ 104.3 NW, Radio One hot AC (&)
 Hays: *** 105.7 PA: add class C2
 Scott City: GKGS 93.9 PC> 16.5 kW, 407', DA, class C3

KENTUCKY:

Catlettsburg: WRVC 92.7 FC to a/c (Huntington, WV)
 Hawesville: WXCM 97.1 PG< 4 kW, 403', DA, XG: 37-41-50 / 86-59-28, CL: Whitesville, KY
 Morehead: WBMK 88.5 CC (NS)
 Russellville: WJZC 101.1 FC to contemporary Christian "The One" (Nashville)



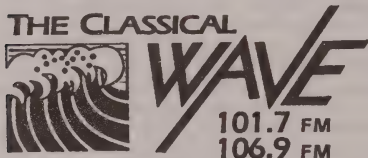
Spokane • Post Falls • Coeur d'Alene

LOUISIANA:

Alexandria: KFAD 93.9 FC to WW1 rhythmic oldies (&)
 Breaux Bridge: KFTE 96.5 OSA for 42 kW, C2, DA, 535', DA
 Columbia: KYEA 103.1 CC (ex KCTO), FC to urban AC (&) Monroe
 Ferriday: KFNV 107.1 adds JRN oldies (&)
 Ringgold: *** 98.5 PA: add class C3
 W. Monroe: KRRZ 98.3 CC (ex KYEA), FC to WW1 A/C (&) (Monroe)
 Winnboro: KMAR 95.9 FC to JRN classic country (&)

MAINE:

Calais: WMED 89.7 XG: 45-01-45 / 67-19-26
 Oakland: *NS 88.9 AF
 Searsport: WBYA 101.7 FC to adult alternative

**MASSACHUSETTS:**

Boston: WTKK 96.9 CC (ex WSJZ), FC to talk "FM talk"
 Brockton: WCAV 97.7 reported SI (expected back on air soon with urban (Boston))
 Orleans: WKPE 104.7 FC to classic rock "Rocket"

MICHIGAN:

Baraga: WVCN 104.3 CC (ex WBUM), "Voice for Christ"
 Detroit: WKQI 95.5 FC to CHR "Q 95.5"
 Detroit: WGRV 105.1 CC (ex WXDG) "The Groove"
 Hart: WCXT 105.3 FC to soft AC (Muskegon)
 Hubbardston: *** 103.7 GA: add class A
 Imlay City: *NS 89.1 AF
 Lake City: *NS 104.9 AF
 Pentwater: WMOM 102.7 NW, hot AC "Mom 102.7"
 Stephenson: WMXG 106.3 CC (ex WWHK) "Mix 106.3"

MINNESOTA:

Cambridge: KZNT 105.3 FC to modern rock classics // KZNR 105.1 (Minneapolis)
 Eden Prairie: KZNZ 105.7 FC to modern rock classics // KZNR 105.1 (Minneapolis)
 Lakeville: KZNR 105.1 FC to modern rock classics (Minneapolis)
 Lanesboro: *NS 88.5 AF
 Montevideo: KBPG 89.5 CC (NS)
 Nisswa: KBPQ 93.3 CC (NS)
 Willmar: *NS 90.9 AF

MISSISSIPPI:

Artesia: WSMS 99.9 adds John Boy & Billy
 Belzoni: WBYP 107.1 adds Young & Elder
 D'Iberville: WCPR 97.9 CL change from Wiggins
 Drew: WOHT 95.3 FC to urban AC "Touch"
 Durant: WLIN 101.1 FC to JRN a/c (&)
 Greenwood: WYMX 99.1 FC to Radio 1 Hot AC (&)
 Gulfport: WLRK 96.7 FC to rhythmic oldies

Mississippi:

Monticello: WRQO 102.1 adds Radio One Cntry (&)
 Natchez: WASM 91.1 inc. to 482 ft, DA, XG: 31-29-10 / 91-21-42
 Pickins: WYJS 105.9 FC to oldies
 Ripley: WKZU 102.3 FC to JRN classic country (&)

MISSOURI:

Amazonia: *** 102.5 XA: add class A
 Kirksville: KBPP 89.7 CC (NS)
 Ozark: KCYO 92.9 FC to a/c (Springfield)
 Troy: KFNS 100.7 SG "Fans 590 AM and 100.7 FM"
 Waynesville: KFBF 97.9 OSA to class C3, 10 kW, 515 ft, XG: 37-56-50 / 92-21-18

MONTANA:

Alberton: *** 105.5 GA: add class C2
 Billings: KBEX 105.1 FC to its own rock oldies format (no longer // KGHF 790)
 Choteau: *** 102.1 GA: add class C1
 Frenchtown: *** 106.7 XA: add class C2
 Plains: KPLG 91.5 PG> 1.8 kW, C1, XG: 47-22-22 / 114-51-31
 Valier: *** 105.7 GA: add class C1

NEBRASKA:

Beatrice: *NS 88.3 AF
 Minatare: *** 106.9 GA: add class A
 Plattsmouth: KCTY 106.9 PC> 25 kW, class C3, PC: 41-09-18 / 95-45-42, "The City"

NEVADA:

Smith: KSVL 92.3 CC (NS)

NEW HAMPSHIRE:

Berlin: WPKQ 103.9 GA: to class C - North Conway, NH
 Lisbon: WLTN 96.7 FC to WW1 a/c (&)

NEW MEXICO:

Dexter: *** 96.1 GA: add class C3
 Grants: *NS 96.7 4.4 kW
 Las Vegas: KTRL 96.7 CC (NS)
 Magdalena: *** 95.9 GA: add class C2
 Mentmore: *NS 88.1 AF
 Shiprock: *** 100.9 GA: add class C1
 Socorro: *** 102.1 GA: add class C2
 Tularosa: *** 102.7 GA: add class C3

NEW YORK:

Albany: WHRL 103.1 FC to modern rock
 Cobleskill: WQBQ 103.5 FC to rock // WQBK
 Conklin: WCDW 100.5 PA: to 92.5 - A
 Hoosick Falls: WZEC 97.5 PG< 400w, 1204 ft, XG: 42-51-40 / 73-13-59
 Keeseville: *** 97.9 PA: add class A
 New York: WNEW 102.7 FC to talk "FM Talk @ 102.7"
 Rensselaer: WQBK 103.9 FC to rock "Rock Radio"
 Saugerties: WRKW 92.9 CC (NS)

CD★100

NORTH CAROLINA:

Boone: WASU 90.5 PG< 220w (cir), 62', XG: 36-12-48 / 81-41-10
 Carolina Bch: WLGX 106.7 FC to smooth jazz (&)
 Old Fort: WQNQ 104.3 CC (ex WMXF), FC to classic rock // WQNS (& John Boy / Billy)
 Pinehurst: WBFY 90.3 PG> 6.5 kW (v), 328 ft, DA, XG: 35-09-13 / 79-34-16

NORTH DAKOTA:

Bismarck: KQDY 94.5 FC to K-Love cont. Christian (&), non-commercial

OHIO:

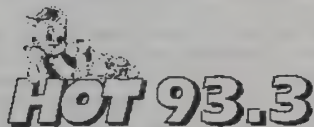
Clyde: *** WMJK 100.9 CC (ex WCPZ) "Magic 100.9"
 Lorain: WAKS 104.9 CC (ex WZLE) "Kiss"
 McArthur: WYRO 98.7 CC (ex WJLI), FC to oldies (&)
 Sandusky: WCPZ 102.7 CC (ex WMTX)
 Uhrichsville: WTUZ 99.9 PG< 5.3 kW, 348 ft, XG: 40-26-19 / 81-26-01
 Wellston: WKOV 96.7 FC to ABC hot AC (&)

OKLAHOMA:

Broken Arrow: KOAS 92.1 FC to CHR "Kiss"
 Coalgate: KOFY 105.5 CC (ex KAZE)
 Durant: K212FC 90.3 NS-170w: KAWZ-ID
 Idabel: *NS 90.9 AF
 Ninnekah: K217DK 91.3 NS-250w(v): KEFX-ID
 Stuart: *NS 89.3 AF
 Wewoka: KSLE 104.7 CC (ex KWSH), adds ABC Real Country (&)

OREGON:

Bonanza: KYSF 102.9 adds Delilah
 Florence: KLFO 88.1 NW, news & alternative // KLCC
 Keno: *** 94.9 PA: add class A
 Tillamook: KJUN 104.1 GA: to Scappoose, OR

**PENNSYLVANIA:**

Holidaysburg: WMAJ 104.9 CC (ex WMXV), FC to classic hits (Altoona)
 Mechanicsburg: WTPA 93.5 FC to classic rock
 Muncy: WBZD 93.3 CC (ex WHTO) "Oldez 93"
 Palmyra: WNCE 92.1 FC to classic rock // WTPA
 Susquehanna: WKGB 92.5 PA: to 100.5 - A
 Williamsport: *NS 89.7 AF

RHODE ISLAND:

Kingston: WRIU 90.3 XG: 41-29-52 / 71-31-43
 Wakefield: WHCK 99.7 CC (ex WXEX) "The Hawk"

SOUTH CAROLINA:

Dillon: WEGX 92.9 XG: 34-22-02 / 79-19-49

SOUTH DAKOTA:

Clear Lake: KDBX 107.1 CC (ex KBGV) "X107"

TENNESSEE:

Norris: WXVO 106.7 NW, testing with various music (Knoxville)

Sneedville: *NS 88.5 AF

TEXAS:

Abilene: KHYS 100.7 FC to hot AC "Kiss", CC (ex KORQ)
 Albany: *** 98.9 PA: add class A
 Austin: KPEZ 102.3 adds Bob & Tom
 Big Sandy: KBAU 90.7 reported SI
 Breckenridge: *** 100.1GA: add class A
 Carrizo Sps: KCZO 92.1
 Corpus Christi: KLTV 96.5 FC to modern AC "The Beach"
 Crockett: *NS 88.5 AF
 Galveston: KQKX 106.5 PA: to class C - Missouri City, TX
 Gatesville: KASZ 98.3 CC (ex KRYL)
 Gregory: KKPN 104.5 adds Bob & Sheri
 Ingram: *** 96.5 GA: add class A
 Midland: KCHX 106.7 FC to rhythmic oldies "Mega" (Odessa)
 Pilot Point: KTCY 104.9 FC to regional Mexican expected in November (Dallas)
 Rudolph: KBPO 90.7 CC (NS)
 Sulphur Bluff: *** 99.7 PA: add class A
 Three Rivers: KBPL 94.5 CC (NS)

UTAH:

Brian Head: KREC 98.1 FC to ABC-a/c (&)
 Kanarraville: *** 101.5 XA: add clas C2
 Parowan: *** 107.9 GA: add class C2
 Toquerville: *** 107.9 GA: add class C

VERMONT:

Waterbury: WLKC 103.3 (ex WGLY), FC to a/c "Lake" (Burlington)

VIRGINIA:

Mechanicsville: WCDX 92.1 adds Russ Parr
 Petersburg: WARV 100.3 CC (ex WSOJ)
 Suffolk: WFOG 92.9 FC to R&B oldies

WASHINGTON:

Hoquiam: KGHO 95.3 FC to classic rock
 South Bend: KJET 105.7 NW, classic hits
 Spokane: KISC 98.1 FC to soft AC
 W.Clarkston: *NS 89.7 AF

WEST VIRGINIA:

Charleston: WVAF 99.9 FC to hot AC

WISCONSIN:

Marshall: *NS 90.3 AF
 Menomonie: WVSS 90.7 PG< 430w, 522', DA, XG: 44-52-04 / 92-04-23
 Rice Lake: WJMC 96.1 OSA for 96.1 - C2, PG< 50 kW (cir), 482 ft, XG: 45-37-14 / 91-44-44
 Shell Lake: WGMO 95.3 FC to classic rock
 Sister Bay: *** 105.1 PA: add class A
 Washburn: *** 104.7 GA: add class A
 Whitewater: WKCH 106.5 FC to oldies "Kool 106.5"

WYOMING:

Thermopolis: KDNO 101.7 CC (ex KBIK)

WGLY Family
103.3 FM
 Today's Contemporary Christian Music

PUERTO RICO:

Cabo Rojo: WMIO 102.3 FC to Spanish hits // WIAC-FM (Mayaguez)
 Fajardo: WCMA 96.5 FC to Spanish hot AC "Cima" (San Juan)

VIRGIN ISLANDS:

Christiansted: WVIS 106.1 RA with urban & reggae

**CANADA****ALBERTA:**

Lethbridge: CJOC 1220 wants 106.7, 100 kW

BRITISH COLUMBIA:

Chase: *NS 95.5 87 watts
 Invermere: CKIS3 97.3 NW, hot AC // CKIS-AB
 Whistler: CISW 102.1 PG< 586w, XG

MANITOBA:

Brandon: CKLF 94.7 NW, a/c (April 2000), NS, 100 kW
 Brandon: CKX 1150 QG to 101.1, 100 kW
 Selkirk: CICY 105.5 PG> 100 kW

NEWFOUNDLAND:

Gander: CKXD 1010 QG to 98.7, 6 kW
 Grand Falls: CKXG 680 QG to 102.3, 20 kW
 Roberts Arm: *NS 92.7 4.5 kW, to be // CKXG when that station moves to FM

ONTARIO:

Barrie: *NS 97.7 several applications: CHR (9960w), classic rock (10.56 kW), and modern AC/modern rock (6.2 kW)
 Barrie: *NS 107.5 app. For CHR sta. (26 kW)
 Belleville: *NS 100.1 app. For country (40 kW)
 Brantford: CKPC 92.1 FC to hot AC
 Chatham: CKUE 94.3 NW, modern rock "CQFM" CC (NS), phone 1-519-354-2853
 Englehart: *NS 103.1 17w
 Hamilton: *NS 94.7 several apps. Country (1410w), smooth jazz (1880w)
 Sudbury: CJTK 95.5 PG> 1.4 kW

QUÉBEC:

Amos: *NS 88.3 32.4 kW wanted // CBFX
 Montreal: CBME 88.5 PC> 16.9 kW
 Rimouski: CJBR 900 QG to 89.1, 5.5 kW

**MEXICO****BAJA CALIFORNIA:**

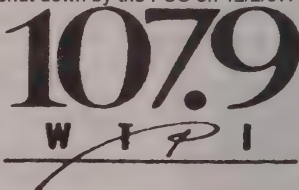
Tijuana: XHGLX 91.7 CC (ex XHTIM), FC to classic hits "Galaxy"
 Tijuana: XHTIM 97.7 CC (ex XHTIJ), FC to regional Mexican

PIRATE NEWS

• **INDIANAPOLIS, IN.** The pirates on 90.5 have been off for at least 2 ½ years. It is believed that the person who ran that station is the same one who has applied for a 91.9 license in Zionville, just north of town. Speaking of that frequency, a pirate on 91.9 was noted in downtown Indy, in the Fountain Square area, in stereo. Light rock was the format, without any talk. The signal carries about 4 miles on a car radio.

• **KOKOMO, IN.** For at least two years, a station has been noted on 89.5 carrying the local weather station. An announcer stated that the weather station is located in Monticello, IN. The signal covers the entire Kokomo area well.

• **MUNCIE, IN.** A local nursing home on N. Walnut St. is operating stations on 101.3, 103.5, 105.3 and 107.9. They are more powerful than they should be, as they carry at least 5 blocks, interfering with stations in Richmond and Indianapolis. The FCC has been contacted about this situation. Also, a 107.5 is noted on the air near the Wal-Mart, operated by Hometown Outdoor Advertising. It runs a continuous loop advertising Family Kitchen Restaurant in Muncie. It carries about four blocks. Muncie was previously home to a very strong pirate on 107.5, running "American Freedom Network" out of Denver. That station was shut down by the FCC on 12/2/97.



• If you're wondering why KBAU 90.7 in Sandy Springs, Texas is silent, their licensee Ambassador College is for sale – the entire university may shut down! KBAU and the college are located in the Longview-Marshall market.

• In the Low Power FM arena, the NAB continues to fight the proposal, but has recently changed tactics; Eddie Fritts has recently delivered a letter to all 534 members of the House and Senate, arguing

WBDK 96.7FM

that LPFM will cause "severe interference" to existing FM receivers. He attempts to refute the argument that radio is being controlled by fewer and fewer large companies by stating that "over half of all FM stations are not part of large conglomerates". Interesting how this letter was sent just a few days before the huge Clear Channel / AMFM deal! (Clear Channel's intention to buy AMFM for \$23.5 billion in cash and stock, bringing the number of stations it owns to 830) Thanks

also to Mike Lazaro for information about this. More information can be found at <http://timesunion.com/ss.asp?c=19866&c=B>

• Bill Draeb updates us this month on some previous updates he's sent in. WRLU 104.1 and WRKU 102.1 are on the air (see previous FM News editions). He has heard that WHDI 89.7 is due on the air shortly. This station is in Sister Bay, out on the tip of the Door Peninsula in Wisconsin. They are reportedly to relay WHID 88.1 Green Bay, which is educational. Bill speculates that the transmitter might be on the W55AS tower in Ellison Bay. Another station relaying WHID may come on up there, but Bill is not sure of the frequency. Bill also mentioned news of a pending "polka station" to replace WAUN 92.7. What it turned out to be was a special program on WRLU 104.1 once a week. The program is run by ex-WAUN employees, who left after the switch to country "Moo 92"... Bill noted an FM News item about WBDK 96.7, in which they were to increase their tower height, but he has not noted any changes yet.



GEORGE W JENSEN
4604 ANNTANA AVE
BALTIMORE MD 21206-4220

SATELLITE NEWS

Another short column with news of a birth. Telstar 7 has been orbited – exact coordinates not known, but it is between Galaxy 5 and Satcom 3. It was launched on September 25, 1999 and has a life of at least 12 years. It is a hybrid bird with both C and Ku Band capabilities. Horizontal and vertical polarities will (I believe) be the same as the other Telstars. Look for it to light up soon.

And now to the other few changes, additions and deletions.

Satcom C3 –

105 WAS Showtime Mountain feed but is NOW the new Showtime Beyond – East (I haven't seen a West on this yet).

It is a Sci-Fi, Horror, etc. formatted service.

761 – was Knowledge – is now Info TV

Galaxy 9 – 6 – M2 – now definite.

Spacenet 4 – 2 – is Starz Theme – East

10 – Gospel Music Television noted here –

may be an eventual move from Galaxy 9 – 2?

Galaxy 3 – 18 – infomercials – called Info America

Galaxy 4 – 3 – delete Rogue

15 – called now X Channel

17 – delete Exxtasy

20 – Now Extasy

All porn channels now seem to be located on this bird
GE – K5 – most CNN feeds are located on this bird in digital compressed systems

Intelsat 40 West

755 – IS Telecaribe

756 – is new location of long missing Tele Pacifico – Cali

That's all for this month. See you in 30 – Good DX

'73's

George

TV News

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
W9WI@bellsouth.net

November 1999

non-commercial station
nc no change

<http://personal.bellsouth.net/~w9wi>

Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
YT	7	0.474		Whitehorse	CBFT [2]		

CKND [9]'s application for a new channel 6 station at Dauphin, Manitoba has been withdrawn. The competing application from CHMI [13] is still being considered.

Construction permits granted for new stations

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
ON	32	0.02		Nipigon	CICA [19]		
SA	18	0.014		Invermay		51-48-40	103-09-33

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
FL	Tallahassee	24	1	VA	Virginia Beach	21	2
MT	Missoula	17	1				

Applications to change existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
WI	52z			Mayville	WWRS-TV	43-26-11	88-31-34

Applications to change construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
IN	17	2.74		Evansville	WWAZ-LP		
MI	49n			Crystal Falls	WUPT-LP	46-05-33	88-21-40

Changes granted to construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
WA	45+	2000	714	Seattle	KHCV		

LPTV Displacement Applications

St	City	Call	Was	Now	St	City	Call	Was	Now
AZ	Phoenix	KTVP-LP	56	41+	CT	Bridgeport	W28CA	28	65

LPTV Displacements Granted

St	City	Call	Was	Now	St	City	Call	Was	Now
GA	Savannah	W32CC	69	32n	NY	Morris	W10CO	4	10z
NM	Carrizozo	K22FN	62	22z	OK	Tulsa	K51FR	65	51+

LPTV Displacements Dismissed, etc.

St	City	Call	Was	Now	St	City	Call	Was	Now
CT	Hartford	WRDM-LP	13	28	TX	C. Christi	KXPX-LP	66	59-
GA	Augusta	WBK-LP	67	56	TX	Giddings	KHPG-LP	21	34z
LA	Alexandria	K66EY	66	45z	TX	San Antonio	KSAA-LP	19	18+
NE	Omaha	KOHA-LP	65	24	TX	Tyler	K20DL	20	26

Technical changes on the air

St	Ch	Call	City	What happened
NM	40+	K40FI	Farmington	move from channel 60+ (K60DR); decrease power 610->581 watts.
OH	19-	WCLL-LP	Columbus	move from channel 64+; increase power 80 watts=>37.7KW; increase tower height 11m.
OH	68+	W68CD	Toledo	decrease power 81.4->6.6KW.
TX	14-	KXPX-LP	Corpus Christi	move from channel 66n.
TX	40z	KTLM	Rio Grande City	increase power 229->5000KW, tower height 234->577m.

New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	7-	0.25		K07WA	Atascadero	35-26-47	120-42-58
CA	5+	0.35		K05JY	Indio	33-48-07	116-13-27
CA	21-	22.5		K21DP (2)	Sacramento	38-40-22	121-19-47
CA	41	29.9		K41EP	Santa Barbara	34-30-10	119-50-56
CA	62+	40.7		K62EZ (4)	Santa Maria	34-53-54	120-35-28
CA	31z	12	90	KVMD	29 Palms	34-09-15	116-11-50
CA	26+	0.005		K26FA (8)	Vista	33-06-39	117-09-10
ID	26+	22.9		K26EW	Idaho Falls	43-32-37	111-53-07
ID	63n	17		K63GA (6)	Rexburg	43-45-53	111-57-50
IL	24z	7		W24AJ	Aurora	41-36-23	88-27-09
MN	16^	50	394	KTCI-DT	St. Paul	45-03-29	93-07-27
MO	43-	0.51		K43EU	Jamestown	38-46-57	92-27-25
MO	63-	0.50		K63FW	Jamestown	38-46-57	92-27-25
MT	61n	10		K61GW (5)	Missoula	47-02-27	113-59-10
NE	18-	9.17		K18CD	Lincoln	40-51-10	96-40-36
NE	57-	14.2		K57GY	Omaha	41-15-28	95-58-59
NM	16z	1		K16EB	Hobbs	32-40-27	103-06-38
NM	54z	1.9		K54GA	Hobbs	32-41-52	103-33-19
NY	20-	19.5		W20BT	Ithaca	42-34-55	76-33-22
NY	52z	10.2		W52CQ	Moravia	42-48-05	76-26-14
OK	19z	5000	251	KWBT	Muskogee	35-45-08	95-48-15
PR	46-	12.8		WIDP-1	Las Palmas	18-01-59	66-07-09
SC	57z	10.6		W57DI	N. Charleston	32-55-42	80-06-13
TN	25-	2.1		W25CR	Cleveland	35-08-05	84-37-21
TX	48n	10.9		K48FR (3)	Amarillo	35-20-33	101-49-20
TX	27-	0.69		K27EA (7)	New Braunfels	29-49-36	98-07-20
TX	21z	1		K21FG	Victoria	28-46-37	96-57-45
VA	65z	45.8		W65DD (1)	Roanoke	37-16-12	79-56-19
VI	38-	20		W38BM	C. Amalie	18-21-33	64-58-18
WI	35+	16		W35BI	Tomah	43-53-50	90-34-57

- (1) W65DD has an application on file to move to channel 43z at 37-16-29N/79-56-54W.
- (2) K21DP has applications on file to move both to channel 8- (1.7KW) and channel 56z (22.5KW).
- (3) K48FR has an application on file to move to channel 22+ with 12.9KW at 35-12-26N/101-50-20W.
- (4) K62EZ has an application on file to move to channel 40+.

- (5) K61GW has an application on file to move to either channel 46+ or 46z, both at 47-01-02N/114-00-47W.
- (6) K63GA has an application on file to move to channel 59z with 30.2KW at 43-43-16N/111-56-33W.
- (7) K27EA has applications on file to move to San Antonio; channel 27z with 26.2KW at 29-25-22N/98-28-54W, or channel 18- with 11.9KW at 29-25-41N/98-29-32W.
- (8) K26FA has an application on file to move to channel 21z with 1KW, but the station is being seen on channel 26. (The fact that someone is actually seeing it causes me to doubt it's really using only 5 watts!)

In all seven cases, it's likely one of the applications has already been granted and the station built on one of the alternative channels.

Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch:
New	KBPN	Tuskegee, AL	22	K55DP	KNRV-LP	Reno, NV	55
IHTEB	XHUPN	Tecate, BN	49	WFBC-TV	WBSC-TV	Anderson, SC	40
K55HR	KKPM-LP	Chico, CA	55	W33BO	WDYR-LP	Dyersburg, TN	33
K25GL	KBLM-LP	R. side, CA	25	W25AE	WKPT-LP	Kingsport, TN	25
K49DD	KSAO-LP	Sacto., CA	49	K66EB	KXPX-LP	C Chr., TX	66
W32BX	WFNA-LP	Roswell, GA	32	KHTV	KHWB	Houston, TX	39
WWWB	WMOR-TV	Lakeland, FL	32	KHSX	KSTR-TV	Irving, TX	49
W25BI	WOGC-LP	Gd Rapids, MI	25	K25GN	KZLD-LP	Laredo, TX	25
W59AZ	WOHO-LP	Rockford, MI	59	KJAC-TV	KBTV-TV	Pt Arthur, TX	4
KAGR	KFTC	Bemidji, MN	26	KBLM-LP	KMHZ-LP	S Antonio, TX	65
W20BV	WACW-LP	Wilson, NC	20	WBJE	WPXO	Chr. sted, VI	15

Note the assignment of a K call (KBPN) in Alabama!

Programming changes

Call	Location	Programming
WSWS-TV [66]	Opelika, AL	from independent to UPN.
IHUPN [49]	Tecate, BN	UPN for San Diego.
KQJA-LP [68]	Fresno, CA	was PSN shopping, now seems to be testing with ID color bars.
KWHY-TV [22]	Los Angeles, CA	drops morning business news, now all Spanish-language independent.
KUSI [51]	San Diego, CA	drops UPN, now straight independent.
K32ES	Santa Barbara, CA	new, All News Channel.
KJLA [57]	Ventura, CA	adds the morning business news that used to be on KWEY [22].
K26FA	Vista, CA	new, testing with ID color bars.
K27FT & K45FF	Twin Falls, ID	sold to religious organization.
W09BZ	E. Bernstadt, KY	TBN, America 1, and Shop-At-Home.
WEYI [25]	Saginaw, MI	add WB to NBC.
W26BZ	Victor, NY	to relay WBGT-LP [40], UPN.
K20ES & K24DX	Pendleton, OR	both sold to KWBP [32], WB.
WQPI [64]	Scranton, PA	drops UPN, now Pax only.
WCNT-LP [65]	Chattanooga, TN	sold to 3ABN.
WEEE-LP [32]	Knoxville, TN	UPN.
W50CG	Knoxville, TN	sold to 3ABN.
K31ET & K43EQ	Marillo, TX	sold to Hispanic organization.
K09VO	Bea mont, TX	sold to AIN.

K17EK	Brownsville, TX	sold to religious organization.
K49DV	Beeville, TX	translator of K68DJ Corpus Christi, Telemundo KAJA".
KSTR-TV [49]	Irving, TX	dropped home shopping to become regular independent, K-Star 49".
K20EK	Kingsville, TX	translator of K47DF, Fox.

Forum & Other Stuff

Thanks to Willis Monk, Jim Renfrew, Dennis Smith, Danny Ogleshorpe, Bill Hepburn, Tom Bryant, Fred McCormack, Chip Kelley, and Fernando Garcia for information appearing elsewhere in this column. Fernando heard about the changes at KTLM [40] while listening to KGBT-FM 98.5. Which goes to show that even if you aren't interested in DXing radio, it pays to at least listen! Fernando has also noted KXPX-LP Corpus Christi has disappeared from channel 66, and a new Pax station has appeared on channel 14 on the same heading. Presumably, KXPX's application to move to channel 14 has been approved.

Also being noted in Monterrey, are a channel 58 with FamilyNet on a Corpus Christi heading (I have no idea!); a channel 21 with Univision on a Victoria, TX heading (K21FG Victoria); and a channel 30 with Univision along the Texas coast, not Austin or La Feria. (My guess is K30DN Freeport, though I've no programming information on this station)

WTRA [16] Mayaguez, PR has been deleted.

Remember the hullabaloo (spelling?!) about the new channel 3 station in Tijuana, Mexico? The FCC has now prepared a factsheet on this specific issue. (This is the first time I can recall such a sheet being prepared over one specific case of interference!) You can read it at <http://www.fcc.gov/ib/pnd/mexintf.html>. Basically, this document confirms what's already been written: XHTJB complies fully with relevant US-Mexican agreements.

John Ebeling forwarded an item from the Duluth *News-Tribune* about the Grand Marais translators. These stations (K27FV, W61AF, K63BI, K65BJ, and K67CT) were in danger of going permanently dark due to the poor condition of their 300-foot tower. Now, it looks like Minnesota Public Radio (MPR) and the federal government will be able to save the translators.

The public radio network had been serving this area of northeast Minnesota from a transmitter at the northern tip of Michigan's Upper Peninsula. However, when Cook County's first radio station came on the air in the spring of 1998, it occupied the second-adjacent channel to the Michigan transmitter. The resulting interference problems piqued MPR's interest in building its own transmitters in the area. The Minnesota Legislature granted \$143,000 of state money for the project, which will bring two FM transmitters (one with a news/information format, the other with classical music) to Grand Marais. Another \$7,000 has already been raised locally. At the same time, the federal government is prepared to kick in \$113,000 towards replacement of the tower, since it carries a translator of PBS station WDSE [8]. This grant requires that \$51,000 be raised locally.

Bill has heard that CHMI [13] Portage la Prairie has changed slogans from "MTN" to "A-Channel Winnipeg". Tom has confirmed this with his contacts in Manitoba. It does beg the question "what will the A in A-Channel stand for?", as when the original "A-Channel" stations went on the air it was assumed "A" was for "Alberta"!

Minnesota has its first DTV station. On September 16, KTCI-DT began operation on channel 16. The station is sharing the existing KTCI NTSC transmitter and antenna; the stations operate on adjacent channels. (Sometimes newspaper reporters get "transmitter" and "transmission site" confused; it is likely there are in fact separate transmitters. Then again, it is possible to transmit adjacent channel NTSC and DTV signals through one transmitter.) Fred says channel 16 now looks like an empty channel -- except that there is no longer any adjacent-channel slopover from channel 17. KTCI-DT has had more of an impact on channel 15 than elsewhere.

The news item in the Minneapolis *Star-Tribune* indicates KTCI is not currently interested in high-definition TV, but in "multicasting". They could run on one transmitter the mainstream PBS programming currently seen on KTCA [2]; the repeats/specialty programming/aviation weather currently seen on KTCI [17]; and the PBS Kids Channel. (I wonder, might DTV result in the end of dual-stick PBS operations like WMVS/WMTV Milwaukee? Now that both program streams can be broadcast over one transmitter, maybe there will be no point in building an expensive DTV plant for the second signal?)

It's been a quiet month at the FCC. It could be they're bracing for the big radio merger, which will at some point require a Public Notice of the transfer of control of over 800 radio stations!



NEAR-TRAGEDY ON BALTIMORE'S TELEVISION HILL

(Based on what's usually seen in this feature it would be pretty safe to assume that only *old* topics are fit to print. Not so, as evidenced by this copy from the 9/16/99 Baltimore Sun.)

TV and radio stations and about 100 homes evacuated when construction crane high above TV Hill comes loose...

*By Chris Kaltenbach
Sun Staff*

Don Scott was anchoring the noon news from a rain-swept street corner when a truck ran over a power cord and left only his voice on the air.

Marianne Bannister and Rod Daniels anchored the 6 p.m. news from a makeshift set the color of Aqua-Velva.

Kai Jackson and Sally Thorne anchored the 5 p.m. news from the studios of competitors.

That's how Baltimore's TV news looked yesterday, as personnel at WBAL, Channel 11, and WJZ, Channel 13, soldiered on with 12 tons of metal dangling precariously above their studios.

Along with residents of a nursing home and about 100 houses in the Television Hill neighborhood, staffs of the two stations were told to evacuate their buildings.

20

"This is definitely a first," said WJZ's Jackson, looking back over his 6 1/2 years on Baltimore television, "and I hope a last."

The daylong exercise in televised improvisation began about 9 a.m., when officials at WBAL and WJZ were told that a construction crane and 100-foot antenna had begun to pull away from their moorings atop Baltimore's 900-foot "candelabra" television tower.

Both stations operate from studios on Hooper Avenue, atop Television Hill and at the base of the tower.

Although engineers and technicians made periodic visits to the buildings throughout the day, to ensure that the stations' remote broadcasts were not interrupted, both buildings were effectively emptied by 9:30 a.m.

WJZ broadcast its noon news from a nearby street corner, using microwave trucks and other mobile facilities.

WBAL opted against broadcasting a midday newscast, instead airing an episode of "Murphy Brown."

"We never want to be the story," Bill Fine, vice president and general manager of WBAL, said as he stood underneath an umbrella at his station's makeshift outdoor studio alongside 41st Street.

"We could have done a show; everybody wanted to do a show. But I didn't want to make a wrong decision and put somebody's life in jeopardy."

Evening newscasts...

Both stations were back on the air for their 5 p.m. newscasts.

WJZ moved its operations into a corner of the 41st Street studios shared by WBFF, Channel 45, and WNUV, Channel 54.

WBAL split its operations between a blue van parked across the street from WBFF and the Maryland Public Television studios in Owings Mills.

"I came into work this morning thinking it was going to be a quiet day," said a drenched WJZ Vice President and General Manager Jay Newman.

"By 9 AM, everything was up in the air," added Newman.

Twenty of 24 bolts securing a six-ton construction crane to the top of Television Hill's candelabra tower failed, said Zack Germroth, a spokesman for the city's Department of Housing and Community Development.

The failure left both the crane and a six-ton antenna that it was removing listing noticeably atop the tower.

By midafternoon, however, workers were able to secure the crane. The evacuation order affecting residents of about 100 neighborhood homes was lifted at 4:30 p.m., and officials declared it safe to return to the television stations at 7 p.m.

"We were in some real danger there for a while," Germroth said as the lifting of the residential evacuation order was announced.

Technical upgrade...

Three antennas atop the television tower need to be replaced as part of a technical upgrade paving the way for digital television.

This new method for distributing TV signals and improving audio and visual reception is scheduled to be in place by the end of November.

A helicopter was used to assemble the crane atop the tower Saturday, and workers were preparing to remove the first of the three antennas when the bolts failed.

Three of Baltimore's network affiliates -- WBAL, WJZ and WMAR, Channel 2 -- share use of the tower, but only WBAL and WJZ have their studios atop Television Hill. WMAR operates out of studios on York Road.

TV broadcasts weren't the only ones affected. Both WBAL-AM (1090) and WYY-FM (97.9) operate out of the same building as Channel 11, meaning that they, too, were forced out on the street.

Both stations remained on the air, though not without difficulty. At WBAL radio, on-air personality Allan Prell broadcast from his home in Northern Virginia. Ron Smith did his afternoon show from the station's facilities at Oriole Park at Camden Yards.

Potential catastrophe...

At late morning, police and fire officials on Television Hill ordered the evacuation of the Alice Manor Nursing Home and Adult Day Care center, as well as the homes in the 3600 block of Maiden Ave., 3600 block of Keystone Ave. and 2000 block of Rockrose Ave.

They also blocked all but essential traffic across the 41st Street bridge that provides access to Television Hill.

Battalion Chief Hector Torres, a Fire Department spokesman, said authorities were prepared for a potentially catastrophic event, worrying that the crane could fall off its platform or even topple the entire tower.

Their fears were compounded by the approach of worsening weather conditions associated with Hurricane Floyd. "That of course is a concern," Torres said. "We expect high winds to hit the city."

By early afternoon, he said, private engineers working on the tower had assured officials that the platform could support the crane and that there was little or no risk that things would fall.

"There was a listing of the crane. That's being corrected," Torres said.

Officials had not been told what caused some of the bolts to shear off, he said.

Officials of Structural Systems Technology Inc., the Virginia firm hired to replace the three antennas, could not be reached for comment.

No place else to go...

One of the few residents left in the immediate vicinity of the tower was Leslie Howard, a 47-year-old carpenter who lives in the 2000 block of Rockrose Ave.

He said he was on his way home from work when he saw his daughter Sarah sitting in the family car parked several blocks away.

Sarah Howard, 19, was making plans to spend the rest of the day at her boyfriend's house.

"I'm not frightened. I'm upset over everything I have to deal with," she said.

Howard said he wasn't sure what he was going to do. "I'd like to stay a little longer," he said. "I can't afford a hotel to go to."

(Sun staff writers Sandra Crockett, Eric Segal and M. Dion Thompson contributed to this article)

EASTERN TV DX

November, 1999

Russell Miller
HC 61, Box 86B
N. Amity, ME 04471-9622
email - estvdx@javanet.com
estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

Roy Barstow, P.O. Box 2488, Teaticket MA 02536

August, 1999

29 Tr	0900	W45— (10 WAVY-VA)	NOTE #1	
		W59CE	59 VA	440
		W66BZ	66 VA	460
		W35BH	35 VA	400
		W18BS	18 VA	450
		W19BX	19 VA	440
		WYDO	14 NC	562
		WNCN	17 NC	592
		WRAY	30 NC	565
		W31BG	31 VA	440
		W39BW	39 VA	450
	1100	WUNP	36 NC	533

September, 1999

01 Tr	0000	CBHT3	11 NS	279
		CBHT2	7 NS	345
		W14BN	14 VA	463
		WRLH	35 VA	463
		WWAC	53 NJ	300
		Panda Network		
	0100	WUPV	65 VA	455
	0830	WVIR	29 VA	486
		W36AS	36 NJ	250
		WNVN	53 VA	420
		W36AZ	36 NJ	240
	0930	W22BM	22 NJ	250
02 Tr	2000	WFPT	62 MD	390
		WBAL	11 MD	354
		W63CO	63 PA	NOTE #2
		WTVF	51 PA	289
		WGAL	8 PA	332
		WJZ	13 MD	354
		WGCB	49 PA	334
		WPXW	66 VA	404
		WMDO	30 DC	387
03 Tr	0025	W52AS	52 MD	380
		WUSA	9 DC	387
		WHYY	12 DE	265
	0100	W36BC	36 NJ	T
		W19BB	19 VA	486
		WHTJ	41 VA	486
	1100	WXLV	45 NC	635
		WJZY	46 NC	713
	2125	WBPB	60 PA	255
	2300	W42AC	42 VA	450
		WWPB	31 MD	NOTE #3
04 Tr	0200	WHTM	27 PA	343
		WGPT	36 MD	480
	0340	WQPY	64 PA	275
	0345	WJAL	68 MD	T
				409

Rare Exchange Selling

04 Tr	0410	WATM	23 PA	¾ CB	414
	0430	W24BB	24 PA	A-1	265
	0500	WNPB	24 WV	Nova	497
	0515	WKBS	47 PA		450
	0530	CBHT3	11 NS		279
	0700	WNPA	19 PA		457
	0830	WPCB	40 PA		485
05 Tr	1100	WNED	17 NY		436
		WVTV	29 NY		436
		CBFT	15 ON		383
		CICA	19 ON		468
		CIII	41 ON		468
		WXXI	21 NY		371
	1130	WUHF	31 NY		371
		W29BJ	29 NY		345
		CKTM	13 PQ		353
12 Tr	2230	W24CM	24 MA	+ Off.	
		America's Store			
13 Tr	0830	CBHT3	11 NS		279
		WYDO	14 NC		562
		WRAY	30 NC		565
		WUNM	19 NC		577
15 Tr	0100	CBHT2	7 NS		345
		CIHF	9 NS		408
		CIHF	10 NS		370
	0200	CBHT1	12 NS		343
19 Tr	2255	WNCT	9 NC		540
		Continuous Flood Info			
		WUNM	19 NC		577
	2310	WUNJ	39 NC		660
20 Tr	0000	WPXZ	35 NC		577
		WYDO	14 NC		562
		WEPX	38 NC		562
24 Tr	1300	WPDE	15 SC		688
		WUNJ	39 NC		577
		WNCT	9 NC		565
		WVEC	13 VA		450
		W39BW	39 VA		450
		WPXZ	35 NC		577
		WUNM	19 NC		577
		WYDO	14 NC		562
		WSFX	26 NC		660
		WFXI	8 NC		540
		W31BG	31 VA		440
		WEPX	38 NC		562
		W36BK	31 VA		400
	2100	- 22 Rel. E. VA or E.N.C. not TBN			
	2145	W18BB	18 NC		490

Note 1 - Maybe (10 WAVY) took over W45BG VA same offset!

Note 2 - Date L/L and how much tape left on B/R of screen! understand one DX'er saw tape run out and rewind itself.

Note 3 – Some of the Baltimore, DC stations in so strong, some were bleeding onto adjacent channels.

Expecting a 41 ft. crank up tower to arrive tomorrow.

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071 jimayers@raider.net

August, 1999

01 Tr	0147	WVLT	8 TN	Knoxville ad	145
	0326	WCCB	18 NC	ID	220
07 Tr	0949	WWAY	3 NC	calls	345
08 Tr	2131	W22AC	22 GA	GPTV	79
12 Gw	1854	W32BX	32 GA	tp	14
		New on air, replacing W22CD, much better signal than 22 had			
20 Gw	1849	WDTA-LP	53 GA	religious	14
		New on air, from same tower as W32BX. Really powerful signal. This one will be seen widely.			

This is the poorest DX results for August that I've seen in 27 years.

September, 1999

04 Tr	0136	WCGT-LP	16 GA	Shop at Home	111
10 Tr	0737	WGSA-LP	50 GA		223
	0741	W25CQ	25 GA	//WGSA-LP	184
	0800	WSRE	23 FL	ID	298
12 Tr	0740	WDFX	34 AL		204
		video only over local			
25 Tr	1021	WJCT	7 FL		296
		Jax 12,21,25,47,59			

Very unimpressive fall, so far. 73, Jim

Ryan Grabow, 178 Falcon Ave., Patchogue, NY 11772 email: rgrabow@suffolk.lib.ny.us
<http://www.freelyellow.com/members8/rgrabow/dx.htm>

Equipment: 19" RCA Color TV, JVC HiFi VCR, Radio Shack VU-110XR VHF/UHF antenna w/Archerator

<v> = ID recorded onto videotape
<t> = logging tentative

July, 1999

07 Es	1800	unID	6 nx, white "6" in a blue square		
12 Tr	2315	WMFP	62 MA		149
		WBPX	46 MA		137
		unID	48	probably WGTW	
16 Tr	2200	WCTI	12 NC		459
		WVEC	13 VA	good signal	329
		WHRO	15 VA		330
		WBOC	16 MD		211
		WUNM	19 NC		526
		WGNT	27 VA		342
		unID	31	Valuevision,	
		nulled local WPXN			
		WTVZ	33 VA		332
		WQAV-LP	34 NJ		123

16 Tr		WRLH<t>	35 VA		337
		WEPX	38 NC		approx 430
		unID	39	Note 1	
		severe CCI on ch. 41			
		WVBT	43 VA		334
		W45BG	45 VA	"PIN"	330
		WPXV	49 VA		330
		WWAC	53 NJ		123
		unID	56	Note 2	
		WVEC	60 VA	Translator	330?
		WACI<t>	62 NJ	The Box	???
		WDPB	64 DE		195
23 Tr	2030	WFXI	8 NC		449
		all Norfolk, VA stations in			
	2300	WWLP	22 MA		95
		WCDC	19 MA		129
		WUNI	27 MA		131
		WLWC	28 RI		110
		WGBB	40 MA		102
		WWDP<t>	46 MA		137
		WGBY	57 MA		95
30 Es	1200	WSIL<v>	3 IL		873
		KYTV<v>	3 MO		1100

August, 1999

14 Es	0900	WPSD<v>	6 KY		879
		KEMV<v>	6 AR	"AETN"	1088
		KTVO<v>	3 IA		1020
24 Tr	0730	strong opening from Salisbury, MD to Springfield, MA			

September, 1999

01 Tr	2300	the start of a 3-day long tropo opening			
		WNEP	16 PA		154
		WYOU	22 PA		159
		WMFP	62 MA		149
		WHSB<v>	66 MA		134
		Providence, Boston, Philadelphia, Hartford in also			
		WFMZ	69 PA		131
		WGBS	57 PA		127
		WGTW	48 PA		127
		WBRE	28 PA		159
02 Tr	0930	WSWP<v>	38 PA	First DX as WB159	
	2300	WUTB<v>	24 MD		224
		WHTM<t>	27 PA	ABC 27 news	207
		WITF<v>	33 PA	PBS	207
		WTVE	51 PA	Telemundo	154
		WPMT	43 PA	severe CCI	207
		WJZ<v>	13 MD		216
		WDCA<t>	20 DC	audio only	251
03 Tr	0000	WPXW	66 DC	PAX	254?
		unID	53	Note 3	
		WBDC	50 DC		250
		WBFF	45 MD		216
		WMPT	22 MD		224
		WBPX<v>	58 MA		151
	1130	DX from north gone			
		WHUT<t>	32 DC		251

Note 1 – Airing Valuevision (good reception), program changed to religious at 10:30 (2230). Norfolk, VA?

continued on page 32... **23**

WESTERN TV-DX

November 1999

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(650)851-7031

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for September 1999. Temps were still hot inland most of the time through the month. The marine layer (cool ocean air with associated boundary with hot dry air above) was intact most of the time except Sept 21-23 as noted below.

Sep 1-2: Very poor, deteriorating
Sep 3: None
Sep 3-5: [Out of town, in Wasco]
Sep 5-6: None (Marine layer reported as deep; i.e., high boundary, 3000+ ft.)
Sep 7: Very poor, improving (Perhaps shallower).
Sep 8-9: Variably poor-fair.
Sep 10: Poor, deteriorating
Sep 11: None
Sep 12-13: Variably poor(-fair)
Sep 14: Poor, deteriorating
Sep 15: Very poor
Sep 16: Poor, deteriorating
Sep 17-20 AM: Very poor (Very deep 3500-4000 ft)
Sep 20 eve-21 AM: Fair (Boundary rapidly lowered)
Sep 21 eve-23: None (Backlash from Pacific Hurricane Hillary, some rain, layering blown away)
Sep 24-26: Poor (Layer return but apparently high)
Sep 27-28: Very poor, improving
Sep 29-30: Variably poor (Some UHF fair-good morning of 29th.

New on the air: K23ES, Santa Barbara, testing Sept 17, All News Channel, 24 hours, Sept. 18.

Some left-overs: Three reports ago, Ch. 38 Santa Barbara (KJLA-57 Ventura translator, new June 15-16) erroneously gave call while testing as "K38DX" which is correct now in programming, ID as K38DK.

Info by Doug Smith indicates that my new Ch 3 of Aug 17 & 28 was tropo from XHTJB Tijuana (200 mi/315 km), a new network station of XEIPN-11 "ONCE TV" Mexico City, noncommercial cultural. Rather than by satellite, Doug notes that it could be tape distribution which does seem more likely. And, my apparent Ch. 64 mystery signal continues occasionally on tropo--a DT outlet?

While in Wasco Sep 3 eve to 5 morning, there was a little close-in tropo with KNSO-51 Merced (150 mi) very good morning of the 5th and KQJA-LP 68 Fresno (100 mi) up somewhat. There was no sign this time of Ch 16 Mas Musica TeVe (possibly K16CW Hanford at aprox. 65 mi).

Best of DX to all.

Dennis

24

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO
ac001984@acnet.net,
FTD is furthest tropo of the day.
TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60' .1800' ASL,
No re-logs in the same month, only tropo 500+ miles.

September 1			CDT
0700 KXTX	39 TX	Dallas	518
KDTX	58 TX	Dallas	518

September 3			
0430 KFWO	52 TX	Fort Worth	522
0600 KDAF	33 TX	Dallas	518
		KXAS-DT141 TX	Fort Worth
0615 KETK	56 TX	Jacksonville	532
		KDFI	27 TX Dallas
			518
0645 KHSX	49 TX	Irving	518
TSLD:TX(7)	FTD:	TX	522

September 4			
TSLD:TX(1)	FTD:	TX	518

September 5			
TSLD:TX(4)			
FTD:		TX	518

September 7			
2145 KADN	15 LA	Lafayette	586
		Rainy night in northeast Mexico and southeast TX	
TSLD:LA(1),TX(1)	FTD:	LA	586

September 8			
TSLD:LA(1)	FTD:	LA	586

September 10			
TSLD:TX(1)			
FTD:		TX	518

September 11			
0200 KVHP	29 LA	Lake Charles	530
		KLPB	24 LA Lafayette
			567
0630 KMSS	33 LA	Shreveport	615
0830 KFXK	51 TX	Longview	557
TSLD:LA(3),TX(4)	FTD:	LA	615

September 12			
0645 KTXA	21 TX	Fort Worth	518
0700 KUVN-LP	31 TX	Fort Worth UNI	521
TSLD:TX(10)	FTD:	TX	557

September 13			
TSLD:LA(1)	FTD:	LA	530

September 16			
0600 WNOL	38 LA	New Orleans	694
		WLAE	32 LA New Orleans
			694
0730 WGNO	26 LA	New Orleans	694
		WPXL	49 LA New Orleans
			688

0800 unid ch 14 PAX, coast of TX, hard to know beam as XHOR was strong

Western TV DX *F. Garcia's report continues*

0830 WUPL 54 LA Slidell 705
 WPML 15 AL Mobile 838
 WMPV 21 AL Mobile 842
 WHBR 33 FL Pensacola 838
 0900 KWBj-LP 39 LA Morgan City WB 618

TSLD:AL(2),FL(1),LA(8),TX(2)
 FTD: AL 842

September 17

0215 WFTX 36 FL Cape Coral 1142
 WGCU 30 FL Fort Myers 1144
 WTVK 46 FL Naples 1153
 WBBH 20 FL Fort Myers 1144

0230 WFLX 29 FL West Palm Beach 1238
 WXEL 42 FL West Palm Beach 1238
 WZVN 26 FL Naples 1153

0245 WPXP 67 FL Lake Worth 1248
 WFGC 61 FL Palm Beach 1248

0500 WRXY 49 FL Tice 1142
 0600 WWSB 40 FL Sarasota 1108

0645 WBHS 50 FL Tampa 1116
 WTTA 38 FL St. Petersburg 1116

0700 WOPX 56 FL Melbourne 1189
 WMOR 32 FL Lakeland 1135

New calls, cont. moreTV32 bt right
 0715 WMAH 19 MS Biloxi 770
 WPAN 53 FL Fort Walton B. 869

TSLD:FL(16),LA(6),MS(1)TX(1)
 FTD: FL 1248

September 19

0300 WHNO 20 LA New Orleans 688
 0600 WVLA 33 LA Baton Rouge 633
 0930 K30EA 30 TX Texarkana TBN 651

KLTS 24 LA Shreveport 616
 KPXJ 21 LA Minden 640

TSLD:LA(8),TX(3) FTD: LA 694

September 20

0700 KLTL 18 LA Lake Charles 548
 This ch. is getting hard to get any DX because of
 local T band activity

TSLD:LA(5),TX(1) FTD: LA 694

September 21

0030 unid ch 30 UNI, logged frequently in the past
 //KNV0-48

0130 WLPB 27 LA Baton Rouge 638
 0230 KLFT-LP 21 LA Lafayette BOX 592

0300 K51EC 51 LA Lake Charles TBN 532
 K59DG 59 LA New Orleans TBN 688

K69HD 69 LA Church Point UPN 586
 unidch 58 with Family Net, Rio Grande City?

K66FI 66 LA Opelousas TBN 599
 0315 KLAFLP 62 LA Opelousas UPN 600

0400 K30EM 30 LA Houma ind. 644
 0600 K46DG 46 LA Lafayette UPN 587

K55HA 55 LA New Iberia UPN 596
 K49DE 49 LA New Iberia TBN 596

K56DR 56 LA Baton Rouge TBN 633
 TSLD:LA(24),MS(1) FTD: MS 770

September 24

0700 WGMB 44 LA Baton Rouge 633

TSLD:AL(1),LA(9),MS(1) FTD: AL 838

September 25

0115 WNTZ 48 MS Natchez 670
 TSLD:LA(15),MS(1),TX(1)

FTD: LA 705

September 27

0530 again ch 14 PAX, it can be Corpus Christi, ch
 66 applied to move from ch 66 according to Doug
 Smith. I have noted ch 66 is not on the air for the
 last 2 weeks.

TSLD:TX(8) FTD: TX 557

September 28

0200 KSHV 45 LA Shreveport 616
 0615 KTAQ 47 TX Greenville 574

0700 KLDT 55 TX Lake Dallas 544
 TSLD:LA(3),TX(9) FTD: LA 616

September 29

TSLD:TX(1) FTD: TX 518

September 30

TSLD:LA(4),AL(1) FTD: AL 838
 This is my best month of September ever. The 1200
 mile opening of Sept. 17 is the first at such distance
 for the month and for summer.

Fernando

Marvin Shults, RR #1 Toulon, IL 61483 CDT

June 1999

21Es 1450 XEFB 2 NL
 1950 KMID 2 TX

1950 X 2 TV Azteca SHDF TV 13
 1955 XHPN 3

2030 X 5 Televisa XHGC-5
 2045 XEFB 2 NL

2045 XHBQ 3
 2050 XELN 4 DU XHGC Canal 5

22Es 1820 2 NND in SS
 1835 KNAZ 2 AZ

1845 KWGN 2 CO
 1855 KUTV 2 UT

1900 KTVS 3 CO
 1945 KREX 5 CO

1958 KIDK 3 ID
 2015 KSL 5 UT

2200 KUTV 2 UT
 2202 KWGN 2 CO

23Es 1400 WLBZ 2 ME
 1400 C 3 French cartoon

1405 C 2 French, same cartoon
 1430 WGBH 2 MA

1432 CBHT 3
 1435 WCVB 5 MA

1459 WFSB 3 CT
 1459 C 4 CBC

1629 WFSB 3 CT
 1630 CFAP 2 PQ

1630 CFRS 4
 1635 C 5 TQS French

1635 WSTM 3 NY
 1815 KMID 2 TX

1815 KPRC 2 TX
 1820 KRGV 5 TX

1825 KIII 3 TX
 2045 XEFB 2 NL

2130 X 2 TV Azteca
 24Es 2030 C 2 CBC French

Western TV DX *Marvin Shults's report cont'd*

25Es 1559 KTVQ 2 MT
 30Es 1725 KWGN 2 CO
 July 1, 1999
 01Es 1800 KFDX 3 TX
 1800 KACV 2 TX
 1810 KMID 2 TX
 1835 KENW 3 NM
 1835 KTXT 5 TX
 02 gw 0555 WHPN 57 WI
 04Es 1200 KRGC 5 TX
 1200 KIII 3 TX
 1220 X 2 "FORO"
 1230 X 4
 1300 WDIQ 2 AL
 1456 XEFB 2 NL
 1900 KBTX 3 TX
 1958 KTXT 5 TX
 1959 KDTN 2 TX
 2000 KRGV 5 TX
 2100 KENW 3 NM
 05Es 0959 KPRC 2 TX
 0959 XEFB 2 NL
 1020 KRGV 5 TX
 1025 KIII 3 TX
 1030 KGBT 4 TX
 1055 XEFE 2
 1100 KENS 5 TX
 1105 X 2 TV Azteca
 1445 WPBT 2 FL
 WEDU 3 FL
 1500 WFOR 4 FL
 1500 WTVJ 6 FL
 1545 WESH 2 FL
 07Es 1025 WPBT 2 FL
 1259 KSVI 6 MT
 1330 CKRD 6 AB
 1430 CFRN 3 AB
 1435 CBXT 5 AB
 1435 CICT 2 AB
 1450 CKND 2 MB
 1858 KWGN 2 CO
 tr 1900 KCTV 5 MO
 08tr 2030 WBBX 20TN
 2040 WXMT 30TN
 2045 WHAS 11KY
 09tr 0410 WHAS 11KY
 0410 WLWT 5 OH
 WCPO 9 OH
 0430 WAVE 3 KY
 10Es 2100 WCBS 2 NY
 20 gw 1800 WAOE 59IL
 22Es 2030 KTWO 2 WY
 23Es 1445 X 2
 26Es 2000 WMAR 2 MD
 August 1999
 08Es 1159 WGBH 2 MA
 14tr 2200 KDLT 46SD
 15tr 2130 KARD 14LA
 16tr 0545 WWJ 62MI
 0545 WTVQ 36KY
 0545 CFMT 69ON
 0620 WSTR 64OH
 2015 WQLV 54PA
 2015 WPGH 53PA
 19Es 1910 CPAP 2 PQ
 2030 C 3 French, same pgm ch 2

Jim Pizzi, 814 Brookhill Dr. Paso Robles, CA 93446
 May 1999 PDT
 05Es 0908 KACV 2 TX
 KAMR 4 TX
 unID 3
 08Es 0810 unID 2 ABC Winnie the Pooh ESTI
 30Es 0905 unID 2
 1435 KMID 2 TX
 1440 KXTX 5 TX
 1445 KXAS 5 TX NBC
 1514 KWGN 2 CO WB2
 1515 KCNC 4 CO Local ads
 1525 KOTA 3 SD Local ads
 1555 KAMR 4 TX KPIC-4 OR
 Mentioned Curry County
 1610 KLNE 3 NE
 1616 KHAS 5 NE WX advisory
 1621 KFYZ 5 ND ID
 1625 KPRY 4 SD ID
 1646 KTVQ 2 MT WX
 1700 KXMA 2 ND ID
 31Es 1238 XEPM 2 CH
 1250 XEJ 5 CH
 1251 KDBC 4 TX
 June 1999
 05Es 1510 unIDs 2 Northeast
 08Es 0800 KLNE 3 NE ID
 0835 KSNB 4 NE Sally Jesse
 1140 KASA 2 NM KASA Fox 2
 1143 KENW 3 NM ID @ 1200
 1209 KMID 2TX Logo lower right
 July 1999
 05Es 1109 KTWO 2 WY Promo
 1110 unID 4 CBS
 1425 KDUH 4 NE KOTA ID
 2000 KNOP 2 ND Local News
 2034 unID 2 CBC
 13Es 2059 KDTN 2 TX Calls
 14Es 2100 KDFW 4 TX Fox 4
 28Es 1100-1200 unIDs 2,3,4 Mexico, mention of
 Monterey on ch 4
 1844 KOAA 5 CO ID
 1931 KIVV 5 SD Fox 7 news
 2200 CKCK 2 AB 7 News
 30 Es 2108 unID 2,3,4 NNE

Quite a season for me this year. Vacation in June was in a motel in Whitney, NE (west of Chandron). Noted on motel cable ch 13 KTNE-13 with heavy CCI. After KTNE off, KPSD-13 in S.D. was as strong as KTNE! Another vacation in August was in Fair Haven, NY (west of Oswego) on L. Ont. Noted new KPXJ-51 strong over several days--Watertown 7, 16 & 50 and Syracuse WSPX 56 very weak--worse than WSYT-68 (maybe 56 was still just a xlator then).

73, Jim

Frank Merrill, P.O. Box 669, Macomb, IL
 Equipment: Icom R-7000 with video adaptor (fed into 25" monitor), or Zenith 13" Model 1310 from the late 1970s (one of the best consumer TVs ever made).
 Antennas: VHF mounted "sideways" (vertical) for most Es (either Quantum 1110 or Super Crossfire--I forget which!), or all-band Winegard (8100?--whatever preceded the 8200) at 40'. (Es antenna is at 10').
 Winegard preamps.

Western TV DX *Frank Merrill's report begins*

April 1999			CDT
01tr	0125	KETH 14TX Houston	800
	0200	KATV 7 AR Little Rock	404
		KARD 14LA W. Monroe	566
	0239	KSLA 12LA Shreveport	575
	0248	KJTL 18TX Wichita Falls	625
	0400	Galveston 22,48, OK City 14,34,43	508
	2205	Huntsville AL 19,31	454
	2230	WMPX 28TN Cookeville	409
		other TN 30/45/53/61	
	2300	WKSO 29KY, WZDX-54 AL	
May 1999		highest channels ID'ed	CDT
23Es		WSAV 3 GA	
26Es		KNAZ 2 AZ	
27Es		WFSB 3 CT, CBCP1-3 SK	
June 1999			CDT
01Es		XHPN/KACB-3	
02Es		KPHO-5	
04tr	0300	K44 44IA Waterloo	167
		moved from 65. Light tr to MN, Detroit,	
		weak Blue Ridge stuff (59/WV, 68/VA)	
	2100	"Up close & ugly with Diigital" (Note #1)	
05tr	0241	WFBS-LP 23IL Chicago	181
		great ID slide!	
		WMBD 31IL Peoria virtually gone	60
		WMAR/WPBT-2	
		WRAL/WKRG-5	
09Es	1212	XHWW 4 NL Monterrey regional ads	1161
10Es		when breaking away from "TV Azteca"	
13Es	1517	KOB 4 NM Albuquerque	
		highest channel ID	
14Es		KMOL/KXLY-4	
15Es		KFBB 5	
17Es		KTVM 6	
18Es		WUFT/WPTV-5	
22Es		KSVI-6/KSL/KOAA-5	
23Es	1527	WLNE 6 MA New Bedford	1010
		high channel today	
	1641	CBFAT 5 QU Chibougamou	1029
		SRC, + offset	
		CHAU 5 QU Carleton	1271
		SRC, zero offset (Parallel, fighting it	
		out. Quebec & Fredericton both minus. CFER-2 not	
		SRC) "skip most of day; too busy on FM"	
24Es	2317	KFBB 5 MT Great Falls highest today	
	2318	CKAL-1 2 AB Lethbridge	1256
		"A" chanjel, minus offset, news	
25Es	1134	XHQRO 2 QR Cancun	1355
		calls floating on XHY7/KTVI/KGAN	
	1200	XHMEN 4 YU Merida	1348
		calls in upper right for a while	
	1213	XH 2 unID "Mil Television"	
		perhaps an XHY combo with XHML-92.1??	
26Es	0953	CBLT 5 ON Toronto	620
	1030	CIII 4 ON Owen Sound	572
		"Global"/nothing local, + offset	
	1116	WLNE 6 MA New Bedford	1010
	1933	WDSU 6 LA New Orleans	710
	2045	KIDY 6 TX San Angelo	890
	2048	KAUZ 6 TX Wichita Falls	620
Finally!		Ford ad, calls. TX low-band now completed.	
	2050	6 NM Carlsbad	936
		"KOAT" copious Es today, relogs not listed ch.	
		5 and below.	
27Es		WFSB 3	
28Es		KNAZ/KASA-2	
29Es		XHWW 4	
30Es		KRIS-6, WPTV/KRGV/KENS-5 much on FM	

30tr	1900	WHPN 57WI Janesville	176
		"quickly were out its welcome."	
July 1999			CDT
01Es	1100	KTXT 5 TX Lubbock	775
		Much more Es, most of the day	
02Es	2209	KSVI 6 MT Billings	970
04Es		Highest Es KFDm (rare)/WDSU-6	
	1902	XHWW 4 NL Monterrey	1160
		and another Azteca, also - offset	
05Es	1024	KTBS 3 LA Shreveport	575
		New on Es, formerly logged via tropo	
	1030	Valley 4,5 soon replaced by San Anton.	
06Es	1725	WFIL 6 PA Phila. absurdly rare	821
	1840	WTVR 6 VA Richmond "	738
	1915	WECT 6 NC Wilmington	822
		incredible amounts of Es today, way too busy on FM	
		to do much on TV; no Hi-band or weather (I was	
		looking!)	
06tr	2145	WMFD 68OH Mansfield	428
		strong KS 11/27/38	300
		Kansas City 29 snowfree	240
07tr	0000	WSFJ 51OH Newark	437
		K.C./Kansas still strong too	
	0110	Indianapolis DTV-46 blanking channel	
		WNDU-DT 42 blanking channel	
	0340	WFLD-DT 31 nearly burying WMBD	
Es	1115	WRAL 5 NC Raleigh	728
	1132	KWGN 2 CO Denver "WB2"	780
	1200	KGWL 5 WY Lander "KGWC"	945
	1230	K06AT 6 WY Sheridan "K2" logo	881
		See note #2	
	1231	KSVI 6 MT (assumed) suddenly	970
	1300	Billings area IDs 2,4,6	
	1308	KXGN 5 MT Glendive (assumed)	838
		"Q2" weather, way too strong for a translator)	
	1320	CHAT 6 AB Medicine Hat	1177
		"on Chat 6 & 3" MINUS, not zero offset	
		as listed, #1 Es wanted!	
	to 1400	all 3 SAs took turns on 6 . . .	
	2100	C??? 4 SA (note 3) may be relog	
08tr	0100	WHBQ 13TN Memphis	369
	0111	KPOB 15MO Poplar Bluff	256
		way atop, an easy one to "forget"	
		W36AM 36TN Memphis "The Box"	369
		full powers atop, or trying	
	0121	K62DA 62MO Malden w/WREG-3	271
		how did I miss this one before?	
	0124	unID 67 America's store, sorta	
		towards Memphis	
	0144	K46CZ 46MO TBN	311
	0148	K45EI 45AR Bentonville religion	341
	0153	K43CJ 43AR Mountain Home TBN	299
	0156	K54ER 54AR Jonesboro TBN	319
	0201	WMC 5TN Memphis "atop KSDK"	369
	0247	WQTV-LP 46 KY Murray ANC	294
		WHSI-IL off, don't know why	
Es	1854	XHY 2 YU Merida	1348
tr	2025	WTVQ 36KY Lexington snow free	369
		Louisville, Nashville, Cincinnati areas	
		WNXP 28TN Cookeville	409
	2049	W66 66IN Mount Vernon w/KY-19	228
		Madisonville, that is; same as 67	
09tr	0040	WQHS 61OH Cleveland	474
	0350	WHIO 7 OH Dayton (on top)	343
	1500	KSNB 4 NE Superior	391
		KHAS 5 NE Hastings	405
	1709	KBSH 7 KS Hays	473
	1713	K48 48KS? ValueVision	
	1736	K00D 9 KS Hays brief note 4	473
	1840	K26CR 26MO Kansas City	240
		America's store--rare	

Western TV DX *Frank Merrill's report cont'd*

2006 K61GC 61KS Wichita 406
calls in lower left; religion
Es 2044 WCVB 5 MA Boston 1024
10Es 1930 CKCK 2 SA
11tr 0152 K49FC 49MO St. Louis 3ABN 130
Moved from former channel 48
0424 W36 36IN Evansville 3ABN 238
I probably have already logged this; this
assures I do..
14tr 0221 N.E. Oklahoma 44, 47, 53 400+
0248 W29BN 29IL Elgin TBN 165
1920 WKOW-DT 26 WI Madison 194
Totally killing channel. Some west MI U's, WOOD-8
15tr 0121 WBK 11MI Alpena CCI (0300 ID) 486
N. MI pair 33/45
16 Es 1944 WPBT 2 FL Miami Major skip day 1182
17-18 tr 2000-0300+ Many WIs to Wausau, Eau
Claire MN Twin Cities LPTVs 53/69 near end
18Es 2000 WMAR 2 MD
2200 WFSB 3 CT
2200 KTVS 3 CO 3 & 5 ID
19 local 0058 WAOE 59 IL Peoria Colorbars ID 60
Doesn't get out see note 5
22Es 1800 CBFT/CFAP-2, CBOT-4
23Es morning WBZ-4, two others
24tr 1755 K45 45IA Marshalltown 161
(displaced from 39 by Newton IA PAX)
1900 WKOG-LP 31 IN Indianapolis 243
topping WMBD, into Christian Science
1900 "widespread tr, all northerly directions to
350 miles, strong" not my favorite type,
but at least "selective" on FM band.
25tr 0007 K60DS 60MN Rochester TBN 264
0400 WAOM 67KY Morehead 418
AIN-TV Net (not America One)
0415 WMPBt 67MD Baltimore 749
weak, brief PBS same as Muncie-49
0530 W62CL 62KY Lexington Shop@home 369
0544 45/48 NC Piedmont 600+
0630 WKFT 40NC Fayetteville 743
call-letter jingle on a relig. station? I'll take it!
0700 WRDC 28NC Durham 709
ID, plenty UPN 28 promos
26tr 0030 WUCT-LP 51 OH Dayton 343
infomercials; WRGT-45 perfect not
//Bloomington-63, which Indianapolis has.
0103 "W59AW" 52 TN Nashville 364
I somehow doubt these calls, though shown on
3/4 colorbars (note Jeff logs this as W52CT)
0142 K43 43IA Des Moines 173
"The Box" (see 0424, July 11, same comment, this
will all be sorted out when I finish posting this stuff.
0200 Atlanta GA 36 (colorbars), 69 578
0229 W35AH 35TN Jackson TBN 349
0346 WDGA-LP 47 GA Dalton 501
America One Television
0355 WSST 55GA Cordele Shopping 701
0400 Shepherd's Channel
0356 WXTX 54GA Columbus c/bar TP 635
0405 W55BM 55GA Marietta 561
color bars, same as WHSG-63
0417 WCLP 18GA Chatsworth c/bar ID 508
Rare (nobody goes off) Probably Atlanta DTV 10,
19, 39. Probable Birmingham DTV on 22
0438 WMAZ 13GA Macon GA weather 655
map, "zero" to superstrong, WCEE,
constant clock/temp., aMAZing!
0520 WAGA 5 GA Atlanta 578
"WTVF-TN soon took over"

0630 WDCN 8 TN Nashville 364
first timer for VIDEO to be on top
0705 Huntsville AL TBN-67 454
Es 0618 CKCK 2 SA round "CTV" test pattern
1800 KDFW 4 TX Dallas Fox 4, rare 630
KENS 5 TX highest channel today
27Es most of day, highest channel ID KRIS-6
1915 WCIV 4 SC Charleston now ABC
28tr 2353 K59FN 59MN Jackson w/Mpls. 29 310
2356 K53EV 53MN Jackson w/NBC 370
KARE? relog
29tr 0003 K51EN 51MN Jackson w/KMSP-9 310
0022+K69DP 69MN Granite Falls 390
weather map overnight, CW IDs (relog)
K65BA 65MN Granite Falls CNN/STV 390
K63AU 63MN Granite Falls KMSP-9 390
K67AN 67MN Granite Falls KSTP-5 390
K45DJ 45MN Granite Falls ESPN/STV390
K56BZ 56MN Appleton w/KARE-11 423
K59BE 59MN Granite Falls w/WCCO-4, T
think (my notes got a tad confused in the frenzy 390
K68BJ 68MN Redwood Falls 357
w/KARE-11 or WCCO-4 (notes still goofy)
0100 K65FW 65MN Frost w/KWCM-10 273
Pioneer Public TV
0141 K19CA 19MN St. James 322
w/KEYC-12 colorbars ID
0208 K67FM 67NE Omaha w/EWTN 287
0258-0400 many new NWS stations 162 MHz
all WI and IN—none from MN!!
0425 K60AD 60MN Windom PBS, "+" 328
0508 WJMN 3 MI Escabana 409
atop, first time in 8-10 years
0558 W67AC 67WI Darlington 157
w/Wis. Public TV ID
1830 KABY 9 SD Aberdeen (their CCI) 526
KARE 11MN Minneapolis (on top) 339
1843 KSAX 42MN Alexandria (strong) 420
2013 WAOW 9 WI Wausau 317
atop WWTV CCI
30tr 0002 K54AC 54MN St. James w/WCCO 322
0015 central MNs 42,43
0029 K69DP 69MN Granite Falls 390
weather map, "K-95.3" FM audio,
also 67, 65, 63 from there.
0035 K47EA 47MN Granite Falls w/USA 390
0044 K22DO 22MN Granite Falls TNN/STV 390
K53EV 53MN Jackson w/KARE 370
Very weird to see some of this very
same stuff exactly 24 hours later.
31tr 0120-0500 much Detroit, Toledo area stuff
including Toledo-68 TBN, W45AG-IN, digital hash
41/42/44/45/46/20/58
Es 2036 WECT 6 NC not much other stuff
tr 2222 K48?? 48MO? Valuvision (Is this the
displacement for former ch. 29?) other KC/Topeka.
August 1999
01tr 0100 K45CQ 45IA Council Bluffs/TBN 278
0138 KGIN 11 NE Grand Island (snowfree) 404
0204 K 7 KS Hayes 473
Lane County weather warning map
0226 K67FM 67NE Omaha w/EWTN 287
0312 W19BN 19OH Defiance (Bullboard) 334
0500 KELO 11SD Sioux Falls (snowfree) 369
1805 KMNE 7 NE Bassett (on top!) 482
1925 Mitchell SD—New state—NWS on 162.45
2036 KPTH 44IA Sioux City 328
Hello?? When did this come on??
2138 K61GA 61NE Omaha w/3ABN 287
2212 AR NWS stations (new state) 162.45/5
2334 KMTV 3 NE Omaha 287

Western TV DX *Frank Merrill's report cont'd*

		not seen in years	
02tr	0031	K24AC 24 NE Falls City w/KUON-12	245
	0035	KLKE 24 NE Albion signing off	331
		forgot to log before	
		KLKN 8 NE Lincoln Nat. Anthem,	317
		too. I consider this a far-enough move	
		from Albion to "count" as new	
	0059	K 7 KS Hays (again??)	473
	0224	KATV 7 AR Little Rock	404
	0233	K36DF 64MO Joplin w/KNLJ-25	311
		Jeff heard "...DF" CW ID, so mkust still be	
		automated for this old(?) ID	
	0246	K22 22AR Little Rock	404
		This, per Jeff; I don't have calls.	
	0331	K21AP 21KS Topeka	284
	0515	KHOG 29AR Fayetteville	358
	2004	KUON 12NE Lincoln	317
		Good enough to watch Antique Road Show	
		here, but opening soon died.	
03 Es	0903	XEFB 2 NL Monterrey	1161
	1040	XHBQ 3 ZA Zacatecas rare	1408
		Call-letter Chiron on screen	
04Es	0900	KENW 3 NM	
		KDBC 4 TX	
07Es	1754	WPBT 2 FL again, what a wonderful	
		birthday present!	
08-09 tr	2130-0100	Ohios 44 (Lima)/61/45(Alliance)	
		Sioux Falls 11,13(almost),46	
	0115	Lawrence KS LPTV 14	263
		1950-2200 some stuff to Blue Ridge 47/59/68	
		Kentucky KETs 52-53-54; WEMT-39 TN;	
		possible NC CCI on 45 against Dayton	
	2211	WMSY 52VA Marion	553
		much rarer than the 47	
	2214	WLSL 10VA Roanoke	617
		taking turns atop, with WTHI	
	2246	unID 60 with Jenny Jones. What is this?	
10tr	0029	WVAH 11WV Charleston	504
		Second time ever)	
	0100	WJTS-LP 27 IN Jasper	244
		America One Television	
	0133	WQTV-LP 46 KY Murray w/ANC	294
		opening gradually faded by 0500	
11tr bizarre	0110	KWCM 10 MN Appleton	426
		their recognizeable CCI	
		KRWF 43MN Redwood Falls (CCI)	362
	0800	still there both, no change, but: no other	
		dx whatsoever!!	
14Es	1333	an "XHGC" on channel 2	
14 tr		even stranger!	
	1721	Siouxland 4/9/14/11/46/etc.	300+
	1800	WABG 6 MS Greenwood	480
		What??? Not all that much DX, period ...	
	2108	Tulsa market 11/44	410
		Siouxland stuff persisted all evening	
15tr	0035	Sioux Falls 11,13 still battering IAs	369
	0038	KABY 9 SD Aberdeen nearly on 526	
top (all day)		some form of tr, such as KTWU-11	304
	1712	WUAB 43OH Lorain eating WYZZ	449
	1716	WBNX 55OH Akron blasting in	481
		but no WEAO! Huh??	
	1752	London ON 45,69	510
	1803	WSYT 68NY Syracuse	770
		quite strong at its peaks	
	1853	WPGH 53PA Pittsburgh	561
		formerly common; first time in years, why?	
	1953	WLFG 68VA Grundy	510
	2150	WLMB 40OH Toledo	381

		Directional, away from us ...	
2251	C 51	ON Note 6 ON-TV bug in lower right.	
0110	CBFT	68ON Samia	461
0215-	Buffalo	NY on 49	630
0241	WCOV	20AL Montgomery strong	608
0303	W	19PA Jeanette	580
		Shop at Home (similar to KLKN-8; I consider	
		this far enough from Johnstown)	
0323	W66	66IN Mount Vernon	
		Value Vision; or is this something much better?	
0355	Binghamton-34	(still WBJA?)	775
0410	WPXI	11PA	561
0415		Another new NWS state KY-162.525	
		Lexington, or relay of a Lexington	
0424		And another PA! (Butler Co. Airport	
		NWS on 162.425)	550
0430-0500	WOUC 44 OH	Cambridge	480
		color bars, rare	
	WUNF	33NC Asheville (unc bars)	567
		Altoona-47, Youngstown-21,33 etc.	
0530		Erie PA-66 overriding WGBO	562
		much, much more. . . WGTU-29 blasting in.	
1050	WLNS	6 MI Lansing (rare)	352
1900		similar to morning stuff, +CITY-57	620
		southern stuff gone	
16tr	0640	W45BC 45MI Crystal	330
	0649	W68CN 68MI Crystal	330
	0656	W51BX 51MI Crystal	330
		Various STVs, thanks for call Jeff!	
		also WBKB-11, WJRT-12, Detroit UHF's	
22tr	0456	KWKB 20IA Iowa City (c/bars ID)	90
	0459	K31 31IA? Iowa Falls? Some kind	
		of news channel. May be relog)	
31tr	2000	stuck on a deadline, had to ignore	
		obvious FM tr opening (WCCO-4, etc.)	
	2248	WBKJ 5 MI Calumet "Now I'm looking!	482
	2258	KBJR 6 WI Superior	440
		September 1999	
01tr	0300	excellent conditions to Toronto	620
		(19, 47, 57 -- also London etc.)	
0354		W31BW 31OH Masury	530
		"Fox 31 & 62" into Newlywed Game	
0147	WUN-	31NC Lumberton	756
		"UNC-TV" c/bars, a complete shock!	
0202	WUNJ	39NC Wilmington	822
		"UNC-TV" c/bars through the mess Note 8	
0657	WNMU	13MI Marquette atop WREX	452
		"massive U.P. FM opening this AM"	

Wow! What a season! I quickly count TEN new Es stations, after three consecutive prior seasons where I barely logged one or two new each season; also nearly all of the good tr openings have been to rarer areas (North Carolina, deep Minnesota, deep Georgia, etc.)! Copious DX this year caused me to end up canceling almost all summer travel, because I get real busy with selling records via Catalogs; if DXing soaks up a lot of time, it is usually the later-on traveling which gets the short end. I was certainly happy to see a decent season this year, though. Due to DTV, this may literally have been the last season for things like WUNJ-39, Little Rock LPTV on 22, etc. to even be possible. More than 70 new stations in a season (and close to 200 on FM) is something I never expected again, and I'm not even counting the DTV stuff that I can't decode. I still need CKAL-5 Calgary, so maybe I've saved myself at least something to log next year to avoid a complete Es shutdown, hi. (And, will Fredericksburg-TX ch 2 ever hit the airwaves? Most-wanted stations are still WDTV-5 WV

Western TV DX *F. Merrill report concludes*

(most likely via tr) and WHNS-21 NC (definitely NOT via Es, hi), though some heavies (CHAT-6, WBKP-5 a newer addition, and KAUZ-6 got knocked out this year. Though translators/LPTVs are generally better catches due to much lower power, it is generally the full-powers, especially "old" ones, that give me the biggest thrills. Now all I need is a really good opening to Baltimore, Salisbury, etc.; especially a lot of stuff I need in the Washington DC market (14/26/32 /53/66, at least, are still possible), though none of this stuff is "up there" with the others in terms of want, though they would be better catches than (say) KAUZ-6 was! Does that make any sense? I didn't think so. (CHAT had never been logged from anywhere before, for me.)

Notes:

1. (2100, June 4) With Chicago coming in quite well on UHF's, this was my first experience with the effects of DTV on analog DXing. A presumed WFLD-DT-31 was making WMBD (60 miles) fade almost completely into "pale snow." The repercussions of this have become much clearer (er, snowier?) as the summer has progressed. It is quite obvious when Detroit is coming in well; I have seen channels 42/44/45 "completely blank" (after WSNS-44 went off) from Detroit DTV hash; Jeff even saw this happen on channel 58, which is a rather crowded place. His next report will, of course, include DTV loggings--he is testing a decoding card from Hauppauge Industries and he has had interesting results. As channels fill up with DTV signals, I believe that ALL channels will become "snowy" during most tropo openings, erasing most of the video CCI cues, etc. that we have learned to rely on. During the good Georgia opening, I even saw obvious DTV degradation on channel 10 at times; I have a LOCAL there! "Weak bars against WRGT-45 OH" (indicating, possibly, WBFF Baltimore) simply may not be seen. Indeed, even something like WRGT could become a great catch if (say) Springfield IL and Indianapolis put DTV's there, followed by Cedar Rapids. None of us know, yet, what'll happen when TWO DTV stations go up against each other, but I suspect Jeff will know soon.

2. (1230, July 7) There are more than one "KTWO"s on 6, but this is the most powerful one--about 250 Watts, I think--and very much where the skip was coming in from, so I'll count "KTWO"-6 only one per channel! My first U.S. translator via Es, but my CBWFT on 5 from Thompson MB a few years back is essentially one; about 100 Watts ERP. Canadians assign "real" call letters to tiny stations, even 5-Watters, which would be translators in the U.S. Also, note the timing on this--there was the K2 logo, real weak, then immediately bang! there was KSVI, completely blasting in.

3. (2100, July 7) CIPA (Channel 9, Prince Albert) logo seen here at ID time! Do they have a new relay station on Channel 4? Or could it have been CKBI-3 Greenwater Lake (a relay), with some sort of cross-promotion? I don't know if CKBI, CIPA are co-owned or not. Some sort of cross-promotion probably explains how Jeff Kadet saw CKPR call letters on ch. 4 (CXHFD Thunder Bay presumed) about ten years ago--those stations are co-owned.

4. (1736, July 9) This note refers to the tr opening in general, not to KOOD. This was one of those rare openings

which seemed to be much more effective on VHF/FM than on UHF. For instance, no Salina-18 which should've been blasting in, local KLJB notwithstanding. Because the TV dial is generally much less cluttered, though, I am more likely to have logged most of the stations from a given region already. Often I end up complaining the other way (that UHF is "cooking" and nothing's happening on FM; Detroit/Canadian tr openings are particularly notorious for this contradiction). There was a period a few years back--I'd have to check, maybe 1990/1991!--where I went close to TWO YEARS without any real FM tropo, so I am grateful for these kind of openings, even if it doesn't do much here on TV. It will be noted that the low-banders appeared early (@1500), before much happened on Hi-Band/UHF.

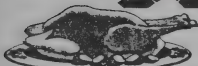
5 (0058, July 21) Something's odd about this station. Two months later (this is written on September 22), unless this has changed the last several days, they still do nothing but to run 22 hours of color bars (with nice ID--DXer friendly!) and two hours of UPN programs. What year do they think we're living in, anyway? 1951? Hi.

6. (2251, August 15) I know nothing about the location for this, but in talking with Gary Siegel's observations from Toledo, OH, we believe this to be close to Lake Erie. It cannot be in London (they have a 53), but it could be 40 or 50 miles out. We suspect Tillsonburg or Simcoe (or maybe St. Thomas, if transmitting south of there) to be most likely location. His observations in Toledo are that his reception of this are dramatically Lake-effect type.

7. (0354, September 1) Jeff Kadet postulates this as the most likely, but neither of us know the status of either channel. (I see Masurry/62 on an older, but not a newer, listing.) Very oddly, Jeff was not able to pull this one out at all; usually his more-directional dish gives him a good advantage on separating stations--in this case, having to cope with some signal from WFLD-DT and CITY2, and an intermittent Ann Arbor. I don't understand this; can 2 1/2 miles make that much difference on a 550-mile tropo duct?

8. (0202, September 1) This was, uh, another "typical" North Carolina opening--STRANGE!! The behavior of NC openings here is almost always downright bizarre, often lasting for just a few minutes, and often bringing in only two or several stations with other really obvious stuff missing. We have to attribute these two catches to Hurricane Dennis...SOMEHOW...but how? Nothing else was happening even remotely in that direction--no "Blue Ridge stuff," no Chattanooga or Asheville, no Lexington, then suddenly there's this tone on 31. And these did, indeed, last for only about 20 minutes. Asheville is the only part of NC which "acts normal" in its rare occasions, and even that cannot be counted on. I presume that "ducting over mountains" is extremely fickle, and that it may well get over a 5,000-foot peak but be stymied by a 3,300-foot peak only a few miles to the side of the path. In contrast, the July 25 opening DID almost act "normally" for a duct, maybe the first-ever Piedmont opening here that actually made any sense. Part Two: This was the first time we have noted WMBD completely off, in years. However, since September 1, they have gone off at other times, including "way too early" such as before 0040, and they occasionally have video problems.

Southern FM DX



John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099

Jpzondlo@aol.com - Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

November 1999



Tim McVey - KR4PP
5471 Beechtree Dr.
Warrenton, VA 20187
tkmcvey@erols.com
EDT

Pioneer TX-7500 w/modified IF, SCA, etc. Probe 9 antenna at 25' on rotor. All new.

9/3 Tr

Thanks to Hurricane Dennis, we got a bit of DX just before 3 days of good soaking rain to end our drought.

0728 WJFD	97.3	CT	New Bedford, SS, local ads 414
0731 WFCC	107.5	MA	Chatham, "Cape Classical 107.5 WFCC" 457 (Tr record)
0737 WBEA	104.7	NY	Montauk, "The Beach" 344
0744 WCIB	101.9	MA	Falmouth, "Cool 102," www.cool102.com 425
0750 WTYD	100.9	CT	New London, "Light Hits 101 WTYD" 350
0751 WBSQ	102.5	NY	Bridgehampton, "102.5 FM," AC 320
0754 WQRC	99.9	MA	Barnstable, "WQRC," wx, ads, m, signal level at 400uV for several hours 440
0759 WDRE	98.5	NY	Westhampton, ID 311
0800 WPRB	103.3	NJ	Princeton, c, ID, 400 uV at my tuner is stronger than Washington DC locals! 194
0801 WCTY	97.7	CT	Norwich, "CTY news" 352
0806 WHFM	95.3	NY	Southampton, pr, "95.3 WBAB"
0811 WRSU	88.7	NJ	New Brunswick, k, "WRSU Rutgers" 212
0930 WBZO	103.1	NY	Bay Shore, "B-103" 278



Stephen Ponder
P.O. Box 890442
Houston, TX 77289-0442
n5wbishop@blkbbox.com
CDT

Radio Shack DX-398, Sangean ATS-803A, GE SuperRadio III, Radio Shack FM dipole antenna

10/7 Tr

2044 KWRD 94.9 TX Arlington, "The Word 94.9 FM,"

10/8 Tr

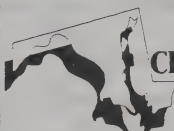
1933 KQID	93.1	LA	Alexandria, "Q-93," "Q-93... smooth as a baby's butt," dance/top 40 225
1943 KIVY	92.7	TX	Crockett, "Real Country 92.7 KIVY-FM," Crockett Bulldogs football, k 121
2007 KOYN	93.9	TX	Paris, "Your Country KOYN," phone dedications, k 294
2026 KWLW	107.1	LA	Many, "Your Country Music Connection, K-107," political ad for Louisiana senate district 31, k 174

10/10 Tr

2238 KTCX	102.5	TX	Beaumont, "After Dark on Magic 102.5," local ads, UC 60
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10/11 Tr

1548 KMKS	102.5	TX	Bay City, "Texas Hot Country 102.5," local ads, k 82
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Gus Mancuso
5706 Greenleaf Rd.
Cheverly, MD 20785-1112
(301) 583-0531
EDT

9/18 Gw

0115 WDAV	97.5	MD	Cheverly, \$, pirate //1620, typical underground free form rock format that characterizes may pirates. Only broadcasting on Friday nites. Since I am within 1/2 mile of them it is difficult for me to estimate power. AM signal very weak, perhaps one watt if not less.
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Now at 398 total with 72 in Maryland. I did not get any enhancement from Hurricane Floyd.



Jim Pizzi
814 Brookhill Dr.
Paso Robles, CA 93446
PDT

5/30 Es

1437 KNFM	92.3	TX	Midland, "Permian Basin Dateline" ad
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Southern FM DX

Pizzi continued

1440	KJAK	92.7	TX	Slaton, g
1441	KXTQ	93.7	TX	Lubbock, SS & EE ads
1444	KEJS	106.5	TX	Lubbock, SS
1455	KIJN	92.3	TX	Farwell, ID
1500	KKOR	94.5	NM	Gallup, calls
1501	KLVO	97.7	NM	Belen, SS
1504	unID	95.1	??	??, SS
1510	KRST	92.3	NM	Albuquerque, calls
1511	KRKZ	93.5	OK	Altus, auto ad
1517	KRMN	92.7	TX	Shamrock, calls
1559	KMNE	90.3	NE	Bassett, NE Public Radio
1600	KWIT	90.3	IA	Sioux City, calls
1616	KMTY	97.7	NE	Holdrege, calls, "Might 97"
7/28 Es				
1847	KDGB	93.1	KS	Pratt, ID @1909 "The Big Dog"
1849	KOEZ	92.3	KS	Newton, ID @ 1902
1850	KRPH	93.9	KS	Dodge City, ads
1852	KIGT	95.1	KS	Wichita, ads
1857	unID	92.7	??	??, "Rock 92 dot 7" @1915
1858	KQSR	94.7	OK	Oklahoma City, calls, ID
1859	??	92.7	KSt	??, xltr? very strong
1924	KLAN	93.5	MT	Glasgow, "Mix 93," calls @1932
1939	KIDX	98.5	MT	Billings, "K-Bull," local ads
1946	KYYY	92.9	ND	Bismarck, calls, "Y-93," ads
1949	KVCK	92.7	MT	Wolf Point, ID
1953	KTHC	95.1	MT	Sidney, ads
1959	KZIN	96.3	MT	Shelby, ads
2000	KCAD	99.1	ND	Dickinson, ID

November 1999

Just a couple of days of Es noted here. Not much time available. Took a vacation to Omaha in July and Rochester NY in August. DX with FM radio on Rochester trip, at 37,000 feet with antenna fully collapsed, ranged out to 250-300 miles. Noted Omaha FM in eastern WY on the way back and had most Las Vegas NV FM's in Utah just west of Salt Lake City to CA border. Very interesting. 73's, Jim.



From the Editor

Looks like the season is pretty much over. Now is the time to look for those openings that come up out of the blue. November has had occasional Es openings. And remember the meteor scatter event of the year, the Leonid shower. It should peak around the 17th-18th. Was quite a site to see here in Oklahoma last year. See y'all next month!

EASTERN TV DX ...continued from page 23

Note 2 - Showing America's Store, video weak (WNVN from DC?)

Note 3 - Airing "Panda Shopping Network" (WNVN?)

A good summer overall, got the best-ever reception of Lancaster, Pennsylvania as well as Washington, D.C. PAXnet is starting to annoy me with their constant switching from station-to-station in some

areas. Tropo was pretty good, but I found E-skip to be lacking toward August. I now use an online distance calculator to determine distances, so the listings are more accurate now (my DX record, KLINE from Nebraska, is actually 1,397 miles instead of 1,430). I publish up-to-date TV DX logs on my website. Here's hoping the DX doesn't stop just because the summer did! 73's and good DX, Ryan

Out of Sync!

CAN YOU SAY "FUBAR?"...We're still not sure how it happened, but you may have noticed that pages in October's WESTERN TV DX were printed out of order. The pages in that column need to be read in this order: page 38 - 42 - 41 - 40 - 39 - 43. We apologize to Victor Frank, his loyal reporters, and any VUD reader who may have gotten a headache trying to figure out what was wrong! What's worse is that one longtime VUD reader tells us he finds this kind of thing be happening more often in printed media lately due to "all those damned computers and the decreasing attention span of people these days..." Now, now...it's not fair to blame computers for human mistakes. Hey, what were we talking about, anyway—I forgot.

--Bill Thompson

NORTHERN FM DX

NOVEMBER 1999

DEADLINE : The 5th of the month before publication
LOG CUTOFF: 4 months from postmark
COLUMN REPORTING AREA: See map to the right
 (also includes Europe & Asia)

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A big column this month, as Frank Merrill reports some great DX from Illinois this summer. I included the entire thing this month because there are some great catches there. He calls this the best season in 10 years. Other interesting Es reports from early July are also featured. Hope you have gotten some of the great DX recently as well. If so, let's hear from you!

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: Tandberg 3000 tuner, CM Probe 9 @ 8' AGL (for E-skip); CM Probe 9's at 45' and 47' feet (on separate towers, for phasing; OR the one @47' used by itself); Bolin Phase Box. (KXXX) indicates what station was phased out. All times are Central.

DECEMBER 1998 DX

3 TR
 1947 WMVM 98.7 WI Mayville, Fond du Lac ads, "98.7 The Great 98" (WNNS) 237
 1950 WLXT 96.3 MI Petoskey, briefly atop, then all fizzled 446

APRIL 1999 DX

17 GW
 2013 KRNQ 96.3 IA Keokuk, "We're building a better radio station for the Tri-State .. KRNQ Keokuk" (stunting with New Age, now on the air with Classic Rock) 40

JUNE 1999 DX

10 ES (MUF 99.1 at 1838)
 1801 WKRO 93.1 FL Edgewater 966
 1804 WSOS 94.1 FL St. Augustine, calls 909
 1838 WBBE 94.7 FL Pt. St. Lucie 1083
 1900 XHNRI 93.7 YU Merida, faded atop briefly with legal ID 1348

13 ES

1158 unID 93.9 SS probably Mexico (XEFB-2 and KIII-3 on TV)

17 ES

1408 WDAI 98.5 SC Pawleys Island, DJ Chris Clay "98.5 Kiss FM", tracked down via phone 801
 1415 WRNN 94.5 SC Murrell's Inlet, "What's going on in Myrtle Beach", local, calls at 1417 804
 1418 WGTR 107.9 SC Bucksport, brief k via Es, would have loved to ID this
 1421 WSFM 107.5 NC Southport. "....107 Wilmington's Modern Rock" 830
 1434 WMIW 88.9 SC Myrtle Beach, "Serving the 2 Carolinas", calls at 1437 804
 1438 WDLJ 90.7 NC Morehead City
 1440 WDLX 93.3 NC Washington 815
 1443 WRHT 96.3 NC Morehead City, "music for everyone, but if you don't like it, try it with ketchup" "The Hot FM", legal ID at 1503 860
 1444 WKIX 96.9 NC Goldsboro, "New Country Kicks 96.9 and 101.1", Wilson ad 775

1455 WNHW 92.3 NC Nags Head, has moved back to its former frequency! 871
 1506 WVOD 99.1 NC Manteo 873
 1520 WAGO 88.7 NC Snow Hill, gave phone # for Kinston ministry; weather for Eastern NC, I called them and they told me it's on WAGO! 790
 1800 KODJ 94.1 UT Salt Lake City 1113
 1806 KYFO 95.5 UT Ogden, MUF from the western cloud

18 ES

1033 WTMI 93.1 FL Miami, assumed c format (South Florida TV also in) 1182

21 ES

0920 WHOG 95.7 FL Ormond-By-The-Sea, "WHOG Daytona's Classic Rock Station" (Now if I can hear WPIG on this freq. my life will be complete, hi)
 0932 WIRK 107.9 FL W.Palm Beach 1128
 1212 XHAAA 93.1 TA Reynosa 1084
 1221 KULM 98.3 TX Columbus 814
 1223 KLLO 101.1 TX Houston 784
 1300 KJFK 98.9 TX Lampasas, legal ID 777
 1301 KHFI 96.7 TX Georgetown 785
 1312 KPLV 93.3 TX Port Lavaca 885
 1316 KSTV 93.1 TX Dublin, cowboy supply store in DeLeon (near Eastland) 720

22 ES

2005 KMMS 95.1 MT Bozeman 1090
 2009 KPKX 97.5 MT Livingston "The Peak" 1067
 2100 KEZJ 95.7 ID Twin Falls, legal ID 1241



125 W. MENDENHALL
 BOZEMAN, MT 59715

Frank Merrill's report continues:

JUNE 23 ES

- 1458 WBOS 92.9 MA Brookline 1024
 1505 WERS 88.9 MA Boston, 617-824-8700 for
 pledges 1024
 1508 WHJY 94.1 RI Providence 1006
 1509 WEFX 95.9 CT Norfolk "95.9 The Fox
 battling "c" station (pres. WCRI-RI) 902
 1520 WQSO 96.7 NH Rochester, calls heard
 briefly 1032
 1523 WCME 96.7 ME Boothbay Hbr 1103
 1526 WTSa 96.7 VT Brattleboro, Williamsville
 winner, Brat. Mention, here at "TSA-FM" 949
 1531 WORC 98.9 MA Spencer, "Worcester's Best
 Rock 98.9 The Bus" 979
 1544 C— 107.5 ?? classical, mono, not sure
 which service, probably one in the NS area (or
 Kingston isn't out of the question, the way that
 they get out — grc)
 1546 WFXF 102.3 IL Morton (via GW), "102 dot 3
 The Fox" with new classic rock, Stern ad
 1554 WAQY 102.1 MA Springfield, "on Memorial
 Day ... in Chicopee" 945
 1559 WSHU 91.1 CT Fairfield, legal ID with
 translators 912
 1600 WPAT 93.1 NJ Paterson, legal ID "La Nueva
 Amor 93.1" in Spanish 865
 1605 CIBM 107.1 PQ Rivière-du-Loup 1165
 1609 WATD 95.9 MA Marshfield, weak 1042
 1911 KOB-4 NM noted (new opening!)
 1940 K211DM 92.1 NM Wagon Mound, running
 News Hour from PBS TV, same thing heard on
 89.5 KENW. (WNKK), tall antenna used 840
 2000 KSVA 95.1 NM Corrales, legal ID 946
 2001 KRFM 96.5 AZ Show Low, local casino ad
 1147
 2003 KWRK 96.1 AZ Window Rock, calls 1053
 2007 KTHQ 92.5 AZ Eagar, "KTHQ, static free
 radio for the High Country, 92 ½" 1109
 2009 KEDG 107.9 NM Albuquerque, assumed as
 KBOM 106.7 was coming in
 KEFE 107.5 Los Alamos is definitely not on
 2013 KRZY 105.9 NM Santa Fe, "105.9 105.9
 Radio Romantica", SS, calls correct still? 916
 2018 KEND 106.5 NM Roswell, "your Country ...
 KEN..." (faded just like that) 908
 2026 KPRR 102.1 TX El Paso 1068
 2026 KVLCT 101.1 NM Hatch (is namesake related
 to Utah senator?) "101 Gold" oldies (they do use
 that slogan I believe — grc)
 2036 KSII 93.1 TX El Paso (Kiss Radio for
 Dyslexics?) 1068

KenW = FM 99.5

Portales, NM

Eastern New Mexico University

JUNE 26 ES

- 0932 WTXL 92.5 ?? "Elevator music for really
 cool elevators, XL92 WTXL" (Frank, could this be
 WGXL 92.3??? — grc)
 0936 WBEE 92.5 NY Rochester, Webster ad,
 jingle (first log in this market) 699
 0939 WGMC 90.1 NY Greece, Polish events
 calendar — Webster, Thruway Exit 33, etc. 698

JUNE 26 ES CONT

- 0944 WCFRt 93.5 VT Springfield "toward
 Onskoma Lake on Route 4 in Lebanon (NH)",
 need to play them tape — see if they recognize
 0946 CFMK 96.3 ON Kingston, Cornwall / Seaway
 Valley / Ontario Eastern "Country 96" 769
 0951 WBBFt 98.9 NY Rochester "Lenny's Shoe &
 Apparel" annual tent sale
 0956 CIUT 89.5 ON Toronto, discussion on
 estrogen & the environment, // to their
 programming on the Canadian 4DTV satellite
 feed. (first log in market) 620
 0959 WLNH 98.3 NH Laconia, call jingle 1008
 1010 WLKE 99.1 ME Bar Harbor "Lucky 99" 1177
 1020 WHOM 94.9 NH Mt. Washington, prev MS
 logging, Route 25, 16, NH ads 1026
 1023 WCTB 93.5 ME Fairfield, "on Lakeview Drive
 here in South China" remote 1026
 1026 WRED 95.9 ME Saco, calls, Bob Brady 1059
 1028 WCYY 93.9 ME Augusta, "on CYY" 1099
 1041 WOKO 98.9 VT Burlington, "The best and
 most country WOKO" jingle 932
 1042 WKIT 100.3 ME Brewer, calls 1153
 1056 WEZF 92.9 VT Burlington 932
 1057 CKBW-2 93.1 NS Shelburne 1319
 1158 WGAO 88.3 MA Franklin, "college this is
 WGAO ..." at that point WIUS carrier came on,
 whew! 1007
 1200 WJMJ 88.9 CT Hartford, legal ID, included
 translators 941
 1220 WJMF 88.7 RI Smithfield, calls, gave 232-
 6150 phone # and 1:23 time check 997
 1223 WERS 88.9 MA Boston 1024
 WHYNY 93.1 MA Springfield 945
 1231 WYST 93.5 MA Hanwich, "Star 93-5" 1079
 1234 WMAS 94.7 MA Springfield 945
 1328 WJFD 97.3 MA New Bedford, Fall River ad
 heard in Portuguese 1021
 1246 WPRO 92.3 RI Providence 1006
 1258 WMNR 88.1 CT Monroe, legal ID, co-ID with
 WGSK South Kent on 90.1" 914
 1300 unID 88.1 ?? break in reggae program,
 calls us now at 685-3725
 1420 WOSC 95.9 DE Bethany Beach, 90, 92 in
 Ocean City, here at the Coast 95.9 & 98.9 842
 1421 WSBY 98.9 MD Salisbury, // above, Del Mar
 DE and Bridgefield ads, **NOTE 1**
 1838 WOGK 93.7 FL Ocala 917
 WHJt 88.1 FL Ocala, contemp g music,
 WJSP quickly buried it, rats, a much wanted
 1849 WTMi 93.1 FL Miami, assumed c music
 1857 WWRZ 98.3 FL Ft. Meade, "the Rose, Soft
 Rock on your Radio" (city of license?) 1010
 1900 WCGO 98.3 GA Midway, legal ID 761
 1903 WPLA 93.3 FL Callahan "The Planet" 850
 1913 WRMF 97.9 FL W. Palm Beach 1128
 WQBA 98.3 FL Goulds, presumed; their
 distinctive Spanish dance music 1189
 1925 WWLL 105.7 FL Sebring, "This is Wheels
 105.7, only the best rock) 1039
 MUF 107.9 WIRK, WAIA 107.9, WINK 96.9 etc.
 1938 WCSN 105.7 AL Orange Beach, "Sunny
 105.7", P.O. Box 1919, Gulf Shores, AL 725

*Frank Merrill's report continues:***JUNE 26 ES CONT**

1939 WKSX 106.1 MS Picayune, "WKSX Picayune-New Orleans" (strange time for a legal, but I'll take it!) 694

1939 WCKT 107.1 FL Lehigh Acres 1089

1947 WAKT 105.1 FL Panama City Bch "serving 5 counties, thousands of people (WOW AM I IMPRESSED!) World's most beautiful beaches, Cat Country 105.1" 761

1952 WLTS 105.3 LA Slidell, "105.3 WLTS, the home of the brand new cash call" 704

1954 KXKZ 107.5 LA Ruston, former Tr, "Kicks 107.5 KXKZ" 558

1955 KCIL 107.5 LA Houma, local ads 750

1956 WZMQ 106.3 FL Key Largo, Spanish, phone no. for Miami & Dade Co. (ex 103.9) 1217

1957 WMXP 103.5 FL Calloway, Panama City's choice is 103.5 The Coast 773

2009 KPLV 93.3 TX Port Lavaca 885

2014 KHERT 94.3 TX Crystal City, MONO, horrid audio, Uvalde mention (would be relog) 967

2018 KHFI 96.7 TX Georgetown 785

2020 WRRt 101.1 TX Dallas, classical in briefly (formerly logged by Tropo) 630

2022 KQIC 102.5 TX Wichita Falls, local ads 625

2027 KTBL 103.3 NM Albuquerque, Sky City Casino, I-40 Exit 102 (similar ad heard on 1 or 2 of NM stations on June 23, becoming familiar with it, hi) 949

2035 KONO 101.1 TX Fredericksburg 841

2037 KOOV 103.1 TX Copperas Cove, "on Country 103.1 KOOV" also "Kickin Country 103.1" 761

2042 KQES 106.9 TX Stamford, rodeo ad, call letters "Country Gold 106.9" 730

2045 unID 107.9 ?? One SS ment. Mexican "pesos", and KDXX? Needed here. Has KYMI Los Ybanez indeed moved to 98.5? 985

2051 KWKQt 107.1 TX Graham, "Lake Country" weather, from Country 107, would be new 671

2102 KFCX 102.1 TX Monahans, legal ID 917

unID 103.7 ?? "con estudios en Los Estados Unidos, Buena Vestal (?) nothing fits along the border?"

2120 unID 96.7 ?? ad: Hwy 34 Bypass in Sheraton or Sheridan??

30 ES

0900 WFSU 89.1 FL Panama City, "FSU Headlines" after legal ID 764

0902 WTMI 93.1 FL Miami, presumed, c 1182

1039 unID 93.1 ?? "Super Estrellar 93.1", XHAAA? (I think so - grc) 93.1

1049 KOVE 93.3 TX Port Arthur, "K-Love 93.3" Spanish, no longer // 104.9? 751

1051 KKRW 93.7 TX Houston, "Arrow 93.7" 784

1055 KTJN 106.3 TX Mercedes 1073

1101 KHMC 95.9 TX Goliad, legal ID with Victoria, "Magic Tejano 95.9" 899

1103 XHMLS 101.5 TM Matamoros 1081

1114 KXGJ 101.7 TX Bay City, El Campo cycle ad, turn farm right here on the Gulf Coast 848

1121 KUKA 105.9 TX San Diego, "Kuka Tejano 106" 977

1126 KTJX 105.5 TX Mission

1129 KTGO 105.7 TX Beeville, "358-4223, if you call you will be a winner" (called, they answered

but a tad later, too late for me to win whatever it was, awww...) 925

1123 KBICt 105.7 TX Raymondville, Reynosa ad, "Radio Vida" in Tejano

1131 unID 106.1 MX calls: XH...S (not XHSU)

1135 KTTX 106.1 TX Brenham, "K-Tex, the best Country for Bryan-College Station" 781

1151 KKBA 92.7 TX Kingsville, "K-Bay" with Corpus Christi and Port Aransas readings 984

1153 KBHT 93.5 TX Crockett, Palestine ad 686

(pronounced "Pala-STEEN")

KMXR 93.9 TX Corpus Christi 955

1158 KISS 99.5 TX San Antonio, "anything can happen on The Nooner, KISS-FM San Antonio" 980

1200 KBRA 95.9 TX Freer, legal ID

1219 KLEY 94.1 TX Floresville 890

JULY 1999 DX**1 ES**

1058 KQRX 95.1 TX Midland, calls 864

1109 KBST 95.9 TX Big Spring 826

1122 KSII 93.1 TX El Paso 1068

1130 WTMI 93.1 FL Miami, calls, c 1182

WZZR 92.7 FL Stuart 1093

1311 XH?? 93.1 ?? **NOTE 2**

1319 KDQn 93.1 AR DeQueen (MS) "Queen City Motors in Queen City" 487

4 ES

1221 WJSP 88.1 GA Warm Springs "Peach State Public Radio" **NOTE 3** 618

1242 WVfJ 93.3 GA Manchester, First Assembly of Griffin, J 93.3 The Station Than Helps You Love Life" 623

1248 WEAZ 88.3 FL Union Park, "Orlando's Positive Hits Station Z 88.3" 985

1852 KIWW 96.1 TX Harlingen 1066

1254 XHRYs 90.1 TM Reynosa "Estereo Recuerdo" & McAllen ad 1084

1256 KPFT 90.1 TX Houston, legal ID in blues/zydeco show, somehow never logged before!!! 784

1300 KHID 88.1 TX McAllen, legal co-ID with 88.9 Harlingen, finally! 1078

1412 XHTPO 94.5 TM Tampico, local ads 1329

(assume this is my XHPPo log a few years ago)

1422 XHRLM 91.9 TM Ciudad Mante, local ad, call letters given twice 1318

1459 WJLY 88.3 IL Ramsey (via GW), legal ID and "the same programming on WTRH" 123

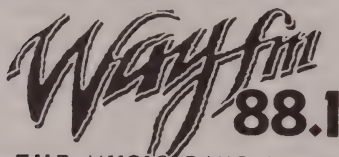
2000 NOTE 4**5 GW**

0000 KHGN 90.7 MO Kirksville, legal ID (egad! Yet more clutter ...) 102

Frank Merrill's report continues:

JULY 5 ES

- 1500 **WTLG** 88.3 FL Starke, giving call letters and address, very weak! 875
WPCV 97.5 FL Winter Haven 999
 1503 **WAYF** 88.1 FL W.Palm Beach, first time heard in years, why?? 1128



THE MUSIC SAYS IT ALL

6 ES WHEEL

- 1020 **WFO** 95.7 VA Farmville, Farmville mentions, ad also mentioning VA at 1021 695
 1031 **WRVQ** 94.5 VA Richmond, I-95 Exit 54 ad, also Staples Hill Road ad (first in city) 738
 1737 **WBSS** 97.3 NJ Millville, call-in show "You're on New Jersey 101.5" (Trenton) 832
 1738 **WFPG** 96.9 NJ Atlantic City (how did I miss this before?) 383-WFPG promo 864
 1747 **WSBL** 97.9 DE Selbyville, Baseball: Delmarva Shorebirds vs. Asheville (per phone call, only this and an AM station are on net) 836
 1753 **WRDX** 94.7 DE Dover, Star 94.7 WRDX 808
 1755 **WOSC** 95.9 DE Bethany Beach, "The Coast 95.9 & 98.9" 842
 1757 **WASH** 97.1 DC Washington, "Pony up, Washington!", Wild Wild West ad 734
 1805 **WQSR** 105.7 MD Catonsville, "The greatest hits of all time, WQSR" 743
 1807 **WTOP** 107.7 VA Warrenton, "WTOP News Time 7:07" 696
 1808 **WCMT** 106.3 MD Cambridge, Orioles baseball network, two local ads, no city mentioned
 1810 **WRQX** 107.3 DC Washington, traffic, recognized ments like "I-295 in MD", etc. 734
 1813 **WWGO** 106.1 MD Cumberland, "Go 106" promo, gone immediately (they had to go....) 632
 1819 **WAVA** 105.1 VA Arlington, "888-293-WAVA" 632
WNDJ 104.9 VA White Stone, registration now open for "Southern Chesapeake" thing 790
 1820 **WJZW** 105.9 VA Woodbridge, Manhattan Transfer at Wolftrap (703 ph#), "Washington area" mentioned in ad 726
 1824 **WRXS** 106.9 MD Ocean City, "on the bank at W.Fenwick Island ... on X 106.9" 845
 1827 **WKHW** 106.5 MD Pocomoke City "Oldies 106.5" 845
 1832 **WKHI** 107.5 VA Exmore, 787-1011, adult standards or jazz, relog
 1838 **WRAR** 105.5 VA Tappahannock "105.5 RAR" 759
 1842 **WBOP** 106.3 VA Churchville, calls, rock 634
 1855 **WGRQ** 95.9 VA Colonial Beach, Fredericksburg ad, "VA's Rockin Oldies 95.9"
 1900 **WVTE** 89.1 VA Roanoke, legal ID, mailing information, etc. 617
 1910 **WFLB** 96.5 NC Laurinburg, "Oldies 96.5 WFLB" 728
 1915 **WZXS** 103.9 NC Topsail Beach 826

- 1919 **WFNC** 102.3 NC Lumberton, Fayetteville lumberyard ad, "News Talk Radio WFNC" 756
 1919 **WWQQ** 101.3 NC Wilmington 822
 1923 **WNMB** 105.9 SC N. Myrtle Beach, two Conway ads, might be a relog 804
 1926 **unID** 105.9 ?? "The Tri-Cities Real Rock", probably WRZK
 1931 **WSOC** 103.7 NC Charlotte, calls 646
 1933 **WSFM** 107.5 NC Southport "Wilmington's Modern Rock" 830
WGTR 107.9 SC Bucksport, "Gator 107.9", gave phone #, live country done locally 809
 1936 **WNCB** 106.5 NC Salisbury, "106.5 The End", gave phone number 645
 1939 **WRZK** 105.9 TN Colonial Heights "WRZK, I'm Scott Ireland", NOTE 6 519
 1941 **WNCT** 107.9 NC Greenville 796
 1943 **WIKS** 101.9 NC New Bern, "101.9 WIKS Kiss 102 FM" 796
 1945 **WKXB** 99.9 NC Burgaw, "Jammin' 99.9 Wilmington's Jammin' Oldies" (new calls?) 808
 1947 **WFSS** 91.9 NC Fayetteville, calls, ph# 743
 1949 **WQDR** 94.7 NC Raleigh, calls given many times in station contest 728
 1951 **WRNS** 95.1 NC Kinston, legal ID 799
 1953 **WRFX** 99.7 NC Kannapolis, "99.7 WRFX Fox" 645
 1955 **WBRW** 105.3 VA Blacksburg, "more Classic Rock on 105.3 The Bear", Salem Motor Mall also mentioned (?) 595
WRDU 106.1 NC Wilson 766
 2000 **WGQR** 105.7 NC Elizabethtown, "WGQR Oldies and Beach 105.7" (sounds like good radio!!) 773
WXQR 105.5 NC Jacksonville, "Coastal Carolina's classic rock station, Star 105.5" Was this station ever on 105.3?? 825
 2006 **WKZB** 94.3 NC Wallace, calls, with promo and phone number for ads, NOTE 7 799
 2008 **WSFL** 106.5 NC New Bern 830
 2009 **WANG** 105.1 NC Havelock, "WANG, 105 and 101" 845
 2010 **WKJA** 101.1 NC Belhaven, parallel programming to WANG above 837
 2017 **WXNR** 99.5 NC Grifton, "99.5 WXNR New Rock, The X" 802
 2024 **WSHA** 88.9 NC Raleigh, "right here on the campus of Shaw U. in Raleigh NC", calls 728
 2031 **WAGO** 88.7 NC Snow Hill 790
 2032 **WNBR** 94.1 NC Oriental, Sunny Beach FM
 2059 **WCPE** 89.7 NC Raleigh, legal ID 728
 2100 **WOTJ** 90.7 NC Morehead City, legal 860



Frank Merrill's report continues:

JULY 7 ES

- 1031 **WFOS** 88.7 VA Chesapeake, "VA's pioneer high school radio station, WFOS" 820
- 1032 **WZRU** 88.5 NC Roanoke Rapids, calls 755
- 1036 **WFOG** 92.9 VA Suffolk, calls, ph# 800
- 1040 **WPNC** 95.9 NC Plymouth 821
- 1041 **WKJX** 96.7 NC Elizabeth City, "Kiss 97" and Chesapeake temperature 833
- 1106 **WWOC** 94.5 NC Hatteras, "Water Country 94.5", Hatteras & other E. NC ments. 893
- 1138 **unID** 89.5 NC? Religious call in show, "Jack's on the way to North Carolina" phone 440-2665 (WHRV-VA is NPR, not religious)
- 1140 shifted to West at this point as this opening died out, also noted Colorado on TV.
- 1149 **K210??** 89.9 CO? **NOTE 8**
- 1202 **K240??** 95.9 cannot ever be lded, it was picking up an unknown station full of Skip
- 1211 **KFRZ** 92.1WY Green River, "92.1 KFRZ The Freeze" (WNNK), high antennas 970
- 1214 **KTRZ** 93.1WY Riverton, 931
- 1217 **KMLD** 97.3WY Casper, your Good Time oldies station, Melody 97 237-9700 825
- 1218 **KQSK** 97.5 NE Chadron, (per phone call, it means them and KAAQ 105.9) "Double Q Country" 659
- KDLY 97.5WY Lander, in w/above 945
- 1225 **KKLX** 96.1WY Worland 918
- 1238 **KZZI** 95.9 SD Belle Fourche, "KZ Country 95.9" confirmed via phone 731
- 1243 **KSQY** 95.1 SD Deadwood, "The Black Hill's Best Rock, 95.1" 720
- 1244 **KRRX** 94.1 MT Billings 970
- 1246 **KLGT** 92.9WY Buffalo, legal ID with Sheridan / Gillette / Hardin, **NOTE 15** 861
- 1247 **KYYA** 93.3 MT Billings, Billings ads, weather, Y-93 (how did I miss this before?) 970
- 1248 **K236AB** 95.1 MT Billings AND 970
- KMHK** 95.5 MT Hardin, local ads, Rimrock Auto Group, etc. parallel 930
- 1300 **KXEI** 95.1 MT Havre, legal ID with Havre / Helena / Great Falls / Plains (wow! Large area!) (They have a great coverage - grc) **NOTE 9** 1092
- 1306 **CKUA3** 97.3 AB Medicine Hat 1177
- 1307 **CFMY** 96.1 AB Medicine Hat, "from Medicine Hat, we're CFMY 96.1, Classic Rock My 96" 1177
- 1336 **KIIC** 97.9 IA Lamoni (via GW), "playing the Country that others won't" MONO 173
- 1340 **CBK** 96.9 SK Regina, presumed, classic \$, though Es favoring N.Battleford now 966
- 1348 **CFMC** 95.1 SK Saskatoon 1110
- 1354 **CFQC** 92.9 SK Saskatoon, legal ID (which isn't really necessary in Canada) 1110
- 1610 **WHYN** 93.1 MA Springfield 945
- 1636 **WOSC** 95.9 DE Bethany Beach 842
- 1644 **unID** 96.9 ?? Somebody goofed! More than a minute of dead air, then faded
- 1647 **WWVV** 97.5 VA Charlottesville, "97-5 3WV" and many local mentions in traffic 673
- 1648 **WAMZ** 97.5 TN Knoxville, noted via definite TROPO, using the "skip antenna" ! 479

JULY 7 TR

- 1900 **KMAL** 92.9MO Malden, (KGRC), "Star 92.9 KMAL Malden, (Sikesville?), New Madrid" 271
- 2142 **WBVN** 104.5 IL Carriers Mills, atop WFMB, no phasing! First time heard this way 220
- 2151 **WDJX** 99.7 KY Louisville, (actually, a pretty rare city for the distance) 303
- 2357 **KYOO** 99.1MO Halfway (KFUO), "KYOO 99.1 inserted ID 240
- 8 TR**
- 0200 **WLSZ** 105.3 TN Humboldt, legal ID with 94.3 Dyersburg, no phasing 334
- 0201 **KFTH** 107.1 AR Marion, rare 360
- 0223 **KJBR** 93.7 AR Marked Tree, (KSD), Jonesboro ad, "Pure Country 94 KJBR" 340
- 0242 **KBMV** 107.1MO Birch Tree 234
- 0252 **KRLW** 106.3 AR Walnut Ridge 303
- 0301 **WTBG** 95.3 TN Brownsville (KOKX), "News Talk 101.5 is WNWS-FM Jackson" 344
- 0336 **WSRR** 98.1 TN Millington, Tunica casino ad, Star 98 FM (never logged as Osceola AR) 355
- 0426 **WIVR** 94.7 KY Mayfield, no phasing 279
- 2037 **WLVK** 105.5 KY Fort Knox, Elite Cellular, offices in "E-Town" & Radcliff, no phas 308
- 2053 **WOVO** 105.3 KY Glasgow, (WYNG), your station with the greatest hits 105 WOVO" 350
- 2118 **WXBC** 104.3 KY Hardinsburg, (WCBH), "WXBC 104.3 FM" 291
- 2124 **WAKO** 103.1 IL Lawrenceville, oldies, Cool 103.1, some really cool NASCAR song ... 198
- 2140 **WBDC** 100.9 IN Huntingburg, (WXKO), calls, rare here 244
- 2204 **WCXO** 96.7 IL Carlisle "96-7 WCXO" and mentioned Centralia (WCVS) 160
- 2215 **WBWB** 96.7 IN Bloomington (WIHN) 237
- 2219 **WFML** 96.7 IN Vincennes (WIHN) 207
- Reds-Cardinals baseball, rare

WBDC

STEREO 101

DUIOK COUNTY BROADCASTING

P.O. BOX 191

HUNTINGBURG, IN 47542

9 TR

- 0017 **WMVR** 105.5 OH Sidney, (WCZQ), Piqua Arts Countil ment, Shelby Co. ment, calls 343
- 0024 **unID** 105.5 ?? "Kiss 105-5", 70s / 80s format (WCZQ)
- 0100 **WSPY** 107.1 IL Plano, is the one with ESPN radio here, really threw me 139
- 0103 **WRBI** 103.9 IN Batesville, decisively on top, rare, doesn't get out 300
- 0454 **WAQZ** 107.1 OH Milford, NO PHASING, Cincinnati ad, "12 News", etc. 349
- 0455 **WIOKt** 107.5 KY Falmouth, g song, would have loved to ID this (WZZQ) 359
- 0523 **WOBQ** 88.7 OH Batavia, nostalgia mx 357
- 1232 **KIFG** 95.3 IA Iowa Falls (KOKX), Iowa Falls State Bank, obituaries, fade to KCSI 201
- 1239 **KDAO** 99.5 IA Eldora, calls, no phas. 181
- 1252 **KIKD** 106.7 IA Lake City, "Kick Area" forecast, Carroll ads 240
- 1329 **KGRA** 98.9 IA Jefferson, "in Jefferson", Greene Co. mentions, satellite C&W 221

Frank Merrill's report continues:

JULY 9 TR CONT

- 1331 KNCY 105.5 NE Auburn, (KZZT), while trying for KDLS 273
- 1346 WEFM 95.9 IN Michigan City, no phasing, rare "uh something's going on" 215
- WJIM 97.5 MI Lansing, no phasing, DEFINITELY on the lookout now! 352
- 1402 CKNX 101.7 ON Wingham, (KBKB), right now 20 C at FM 102 .. Doug Avery, **NOTE 10** 534
- 1423 WAWC 103.5 IN Syracuse, rare class A 265
- 1500 KTRX 93.5MO Tarkio, noted on top off the back of the antenna, what?? 248
- 1513 KKNB 104.1 NE Crete, (WMQZ), yes, audible by phasing my local, which isn't logd yet 331
- 1541 **KMZA** 92.1 KS Seneca (WNNK), contest includes Seneca sponsors, wx, calls 288
- 1545 **KAIR** 93.7 KS Horton, "from your weather center at KAIR" old C&W, no phasing 263
- 1547 **KBUZ** 90.3 KS Topeka, 272-3960 for further weather info (I called, they answered) 284
- 1558 **KCVT** 92.5 KS Silver Lake, No phasing on WKXQ! End Parent Talk, legal ID+Topeka 295
- 1638 **KHCA** 95.3 KS Wamego (KOKX), "KHCA your friends ... today's Christian music" 311
- 1645 **KXBJ** 104.7 KS Manhattan, (WLMD), "Hot Country B104", Manattan, Wamego ment 326
- 1652 KVSF 105.5 KS Beloit, beautiful music atop KZZT no phasing, rare relorg 399
- 1659 **KQTP** 102.9 KS St. Mary's, "Good times great oldies" legal ID ment many cities, not necessary to phase KMMO 298
- 1721 KDNS 94.1 KS Downs (KFKF), ads 423
- 1731 **KSNP** 95.3 KS Burlington (KOKX), weather alert "Van Halen here on KSMP" 313
- 1819 KHAZ 99.5 KS Hays, no phasing 473
- 1826 **KCAZ** 95.9 KS Russell, "KRSL" jingle (KLIK), many lds to 1829, this was my most wanted Kansas logging 449
- 1859 KCFN 91.1 KS Wichita, **NOTE 11** 406
- 1906 KILS 92.7 KS Minneapolis, legal ID with Salina, and "Salina's Classic Rock Star 92.7" with no phasing needed! 384
- 1941 **KDMM** 105.7 KS Herington (WWCT) or (KXXK), Herington Free Fair, CD Country 358
- 2000 **KCVQ** 89.7MO Knob Noster (Macomb Translator), Spirit FM legal ID + KCVQ, KCVJ

9 ES

- 2038 WHYN 93.1 MA Springfield 945
- 2042 WQSX 93.7 MA Lawrence, "Star 93.7" 1021

14 TR

- 0053 KWSJ 105.3 KS Haysville, assumed this with smooth jazz 410
- 0113 KVOO 98.5OK Tulsa, "was hoping for a good Okla. Opening" didn't materialize 413
- 0122 KLLSt 104.5 KS Augusta "Star 104.5" 388
- 0153 KMAG 99.1 AR Fort Smith 405
- 0221 KBEZ 92.9OK Tulsa, no phasing 413
- 0304 KQLA 103.5 KS Ogden 334
- 0312 KQTP 102.9 KS St. Marys, w/KMMO 298
- 0319 KSKU 106.1 KS Lyons 428
- 0400 KZSN 102.1 KS Hutchinson, over Kansas City without phasing 422
- 0559 **KDLS** 105.5 KS Perry (KILJ), sign-on after SSB, highly sought after for years! 203

JULY 24 TR

- 2205 **WZOC** 94.3 IN Plymouth, "Michiana's Oldies Authority, back to back Oldies 94.3" (WKSO) tough frequency here 236
- 2221 WKQQ 100.1 KY Winchester (WKAI local), trying to get WFRI-IN 387
- 2300 WSDM 97.7 IN Brazil, (WMOI) trying for Goshen, IN 197
- 2339 WOKZ 104.9 IN Muncie, completely on top, no phasing on WXCL 279

25 TR

- 0000 **WWWY** 104.9 IN Columbus, legal ID, again, no need to phase WXCL 266

- 0122 WYJZ 100.9 IN Lebanon, "Indy's new light jazz" with calls, rare, (WLRZ) 223

- 0200 **WDPG** 89.9OH Greenville (WCBU), legal ID extremely weak due to below mixing in 319

- WHPLt 89.9 IN W.Lafayette, Moody

- 0218 WSKT 92.7 IN Spencer, (WQLZ), "Cat Country WSKT" only 2nd time heard 222

- 0247 WAKW 93.3OH Cincinnati, (WPBG), trying for WKXJ, same type g format as WTRH 340

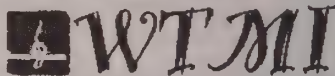
- 0327 WLFF 95.3 IL Brookston (KOKX) "95.3 is ... The Wolf", k 200

- 0457 WSM 95.5 TN Nashville 364

- 0639 WFOX 97.1 GA Gainsville, not much else noted, though MASSIVE Tr on TV (KXCK) 568

27 ES

- 2008 WTMi 93.1 FL Miami, presumed with c, opening stayed below TV 5 mostly 1182



Miami Ft. Lauderdale Palm Beach
South Florida's Classical Music at 93.1 FM

28 TR

- 2320 KJAM 103.1 SD Madison, (KDMG) 411

29 TR

- 0258 **WWG87** 162.5WI Fond du Lac, full ID 257
- 0304 **WWG82** 162.45 WI Richland Center 200
- 0307 **WWG72** 162.4 WI Friendship, full ID 240
- 0330 162.45 IN **NOTE 12**
- 0333 162.45 WI local temp in Rhinelander, NE/N Central WI weather, never lds 300+
- 0338 **WWG91** 162.525 WI Sheboygan 278
- 0343 **WXJ47** 162.40 IN South Bend 245
- 0347 **WWG72** 162.5 IN George, full ID 220
- 0350 **WWP86** 162.5 WI Prairie du Chien, full ID with simulcasting with WWG82 above 181
- 0450 **WWG83** 162.425 IN Evansville, full ID 238
- 0601 **WECB** 104.3 WI Seymour, legal ID with Appleton and Green Bay, no phasing 305
- 0603 **WXER** 104.5 WI Plymouth, "Sheyboygan" at tune in (missed legal ID), 74 deg temp 267
- 0615 **WHTL** 102.3 WI Whitehall, "WHTL", your hometown location in WI's heartland" 273
- 0637 **WXRO** 95.3 WI Beaver Dam, "WXRO Block Party" Beaver Dam, ment, no phasing 229
- 0731 **WHY** 93.5 IN Hartford City, "93.5, 96.7 Hit Radio WHIT" Anderson Auto Plaza, etc. 279
- 0736 **WHTI** 96.7 IN Alexandria, // 93.5 263
- 0740 **WLQI** 97.7 IN Rensselaer (WMOI) 187

Frank Merrill's report continues:

JULY 29 TR CONT

0750	WFERI	100.1	IN Winnimac (WKAI),	"7:50,	
			8:50 in Michigan ... WFRN" (104.7)	217	
0757	WYJZ	100.9	IN Lebanon (WLRZ), while		
			trying for WPGW, smooth jazz	223	
1324	WKBH	100.1	WI W.Salem, rockin' country		
			Mobile DJ service, K-Rock (WKAI)	239	
1408	KBEW	98.1	MN Blue Earth, calls, k	282	
1419	KLMJ	104.9	IN Hampton, local "FS" ad,		
			KLMJ news, (KBOE), not hrd since 80's	206	
1421	KRFQ	104.9	MN Owatonna (KBOE), Waseca		
			Fair ad, "downtown Owatonna" ad	283	
1501	KCZQ	102.3	IA Cresco (WRMJ), "at the		
			voice of N. Iowa KCZQ Cresco", no Dubuq.	215	
1533	WWIS	99.7	WI Black River Falls, (KBOB),		
			this one is rare here	272	
1959	WNIQ	91.5	IL Sterling, legal ID for all four		
			stations WNIJ/Q/W/E	106	
2054	WZZT	102.7	IL Morrison,		
			WSDR/WSSQ/WZZT in promo, (WJEQ)	101	

30 GW

2347	WRVP	101.1	IL Glasford, legal ID with		
			Peoria, testing, more clutter!	50	

31 TR

0331	WFRR	93.7	IN Walton (WJDK), "FM WFRN"		
			during ID of g song, insurance ad, etc.	200	

31 ES

2039	WFLB	96.5	NC Laurinburg, Oldies 96.5	728	
2052	WXRC	95.7	NC Hickory, "XRC", etc.	602	
2056	WXBQ	96.9	TN Bristol, "hello XBQ" during		
			call in show (former Tropo)	530	

AUGUST 1999 DX

1 TR

0200	KPAW	97.1	MO LaMonte, legal ID with		
			Sedalia, classic rock, Power 97	187	
1606	KGRD	105.3	NE Orchard, rarer now due to		
			KNOD, etc., looking for KIWA	413	
1706	KFGE	98.1	NE Milford, Lincoln's Best		
			Country, Froggy 98, weather	336	
1718	KCIJ	106.1	IA Washington, calls, I		
			wondered where they moved?	80	
1805	—	162.4	MO St. Joseph, on top	226	
1900	Many	Nebraska	FMs: 88.7 / 89.1 / 89.3 / 93.1 /		
			94.7 / 101.5 / 102.9, etc. mostly rare		
1925	WWH25	162.45	SD Mitchell, calls, "serves		
			Mitchell and ... James River Valley"	439	
2149	KXNP	103.5	NE North Platte	530	
2203	WXL66	162.45	AR Mtn View, legal ID	326	
2207	WXJ61	162.425	MO Avila, legal ID	240	
2212	WWG54	162.5	AR Yellville,	311	
2300	KIKD	106.7	IA Lake City, legal ID, no		
			phasing, not even for KRTI	240	

AUGUST 2 TR

0057	KIRK	99.9	MO Macon, "You're listening to		
			the easy sounds of Kirk, KIRK Macon"	106	

3 ES

0902	XHUA	90.1	CH Chihuahua "Radiorama de		
			Chihuahua" (ad or their slogan?)	1199	

4 TR

1300	KIYX	106.1	IA Sageville, "Kicks FM KIYX		
			Sageville / Dubuque" heard on 1 st try	155	

14 TR

1721	KISP	101.5	NE Blair (KKSJ), car dealer		
			mentions "Blair area" and Fremont ads	295	
1900	WJMI	99.7	MS Jackson	564	
	WZYP	104.3	AL Athens, (WCBH), trying for		
			Greenwood, MS, did hear soul there	440	
1957	WTYX	94.7	MS Jackson, "Arrow 94 WTYX		
			Jackson" (KSHE)	564	

15 TR

0005	KARP	96.3	MN Glencoe, no phase needed		
			on KRNQ, this station gets out!	360	

16 TR

0004	WLST	95.1	WI Marinette, legal ID	409	
0014	WHNN	96.1	MI Bay City	411	
0415	—	162.525	KY Lexington	370	
0418	WXL66	162.45	AR Mountain View	326	
0424	WWG53	162.425	PA Butler	550	
0510	WMJQ	102.5	NY Buffalo (WGNN), "Q 102.5"		
			send tape in case it's in house (Send me a		
			copy, I should recognize them -grc)	631	
1033	WIOG	102.5	MI Bay City (WGNN)	411	
1055	CFPL	95.9	ON London, "London's Best		
			Rock FM 96" only 2 nd time ever, WHY?	517	
1156	CFCA	105.3	ON Kitchener, Zeller's on		
			Frobisher Rd, Waterloo, Cool	105.3,	
			confirmed by phone call	563	
1206	WCXT	105.3	MI Hart, both of these: (WKOA),		
			legal ID and "The Whip"	315	
2000	WXET	107.9	IL Arcola (WBYS), legal ID,		
			blocking efforts for CING	135	
2000	WMDH	102.5	IN New Castle, (WGNN), legal		
			ID, still no "better" WMJQ	282	
2014	WJXQ	106.1	MI Jackson, (WYYS), trying for		
			Guelph	342	
	WRKR	107.7	MI Portage, (WMRS)	285	
2046	WCOET	96.7	IN LaPorte, (WIHN) "The		
			Eagle", have a tape to play for them	221	
2052	WUFNt	96.7	MI Albion (WIHN), g format		
			waded in briefly, needed	331	
2057	CHYM	96.7	ON Kitchener, Park Fest in		
			Victoria Park, join "Chime FM" there	563	
2107	unID	107.7	?? "K-Country 107.7" confirmed		
			not to be WNUC (Frank, I believe that this		
			could be Loudonville, OH? -grc)		
2154	WNUC	107.7	NY Wethersfield, NEW TROPO		
			STATE, NOTE 13	660	

SEPTEMBER 1999 DX

1 TR "best Northern opening noted here"

0000	KZIO	104.3	MN Two Harbors, "Harbors...		
			Superior, Duluth" nostalgia/big band	456	
0001	WOJB	88.9	WI Reserve, signing off (how		
			many of THESE do U hear?) rare	400	
0018	KRBR	102.5	WI Superior, "Rock 102.5 The		
			Bear", Scandlin(?) ad, calls at 0019	440	



Today's Country Music
WTCM
103.5 93.5 92.9

0059	<u>WBUM</u>	104.3	MI Baraga, no phase, legal ID, low-fi MONO	451
0100	<u>WHSa</u>	89.9	WI Brule, calls (WCBU)	428
0103	<u>WCUP</u>	105.7	MI L'Anse, no phase, or WAPL either, legal ID + Marquette, all morning	435
0108	<u>WHWL</u>	95.7	MI Marquette, presumed with traditional g, not needed	452
0119	<u>WVRQ</u>	102.3	WI Viroqua, (WRMJ), Q-102, never did hear WHKB Houghton	452
0312	<u>WUPY</u>	101.1	MI Ontonagon "The Rock on the Shore", no problem WRVP-IL, WIXX	448
	<u>WJNR</u>	101.5	MI Iron Mountain, no phasing, "the beast that ate Madison, WI", hi	393
0434	<u>WCMZ</u>	98.3	MI Sault Ste Marie, NPR news, WQCM-WI buried it (KQYB)	

0442	<u>WBCM</u>	93.5 MI Boyne City, (KKMI) "country music WTCM" after EDT time (103.5)	436
0516	<u>WHCH</u>	98.3 MI Munising, "hottest Country on the UP, that's Hot Country 98.3"	459
0520	<u>WOLW</u>	91.1 MI Cadillac, overtook the NPR that I was chasing (WGGL?)	376
0559	<u>WCMZ</u>	98.3 MI Sault Ste Marie, (WHCH, WCQM, or KQYB), CMU Net Legal ID	524
		all the others are k and sound the same!	
0603	<u>WIHC</u>	97.9 MI Newberry, "Sault Ste Marie's #1 Country Station, hot Country 97-9"	483
0617	<u>WIMK</u>	93.1 MI Iron Mountain, "K-Rock 93.1 and 94.1", trying for CFNO (why not?)	393
0626	<u>CJQM</u>	104.3 ON Sault Ste Marie	526
0658	<u>WGGL</u>	91.1 MI Houghton, M.T.U. Credit Union, "MN Public Radio WGGL" UP calendar, no phasing	NOTE 14 471
0706	<u>WSUE</u>	101.3 MI Sault Ste Marie, lotsa talk about the Chippewa County Fair (KUUL)	524
0727	<u>WKLA</u>	106.3 MI Ludington	324
	<u>24 GW</u>		
0100	<u>WMQZ</u>	104.1 IL Colchester, legal ID with Macomb. "The New Mix 104.1"	10

- 1 (1421, June 26): Something strange was going on here! Jeff K. noted the same thing on TV, namely that the direction of this opening was severely skewed. Was this, perhaps, Es backscatter? These 95.9/98.9 only came in with antenna pointed toward New England, which I "seconded" on 95.9 by also trying the "high" antenna. The latter gave me too much WHTS-IL on 98.9 though. These stations would start to "dump" as I moved the antenna Southeast.
- 2 (1311, July 1): There's something real good here, it awaits the "tale of the tape" where I am sure I will figure it out. I wrote it down as sounding like "Radio Piñones, XHCRO" Something other than Reynosa for once! FM Atlas lists XHCTO in Gomez Palaco, Durango (would be a new Estado) and XHCRA in Alamo, VC (not new state, but about 1400 miles)
- 3 (1221, July 4): If I have not logged this vis Es before, it's a new mode for me, former Tr
- 4 According to Jeff Kadet, who was monitoring the VHF chatroom, there was a decent 2-meter opening basically on top of me at the time (OH-to-KS path, etc.). I was getting only TV from the south at the time, generally somewhat closer stuff (New Orleans, Amarillo)
- 5 (0000, July 5): I also heard the legal ID for WIBI 91.1 at this time. They definitely made no mention of this translator (which are listed in their ID). Andy Bolin told me that he found them off

CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK

Equipment: Denon 375-RD receiver & RS FM antenna
 0112 WIYX 97.9 MD, Baltimore "98 Rock"
 0117 WNJB 89.3 NJ, Bridgeton

"WBGO" & "Jazz 88"

0138	WBJB	90.5 NJ, Lincroft	calls	
0150	WJBR	99.5 DE, Wilmington	calls	
0745	WEAA	88.9 MD, Baltimore	calls	231
0758	WGTS	91.9 MD, Takoma Park		
	RDS-"WGTS-FM"			263
0804	WTMD	89.7 MD, Towson	calls	231
0808	WJHU	88.1 MD, Baltimore	calls	235
0809	WERQ	92.3 MD, Baltimore	"92-Q"	235
0828	WARW	94.7 MD, Bethesda		
	"Classic Rock 94.7"			268
0841	WASH	97.1 DC, Washington		
	RDS-"WASH-FM"			
0857	WWDC	101.1 DC, Washington	"DC-101"	265
0911	WXYV	102.7 MD, Baltimore	calls	237
0913	WGMS	103.5 DC, Washington	classical	269
0924	WOCT	104.3 MD, Baltimore	ads	
1236	WKPE	104.7 MA, Orleans		
	"Rock 104.7" & "the Cape"			153

0656 WYND 97.1 NC, Hatteras



0722	WKHI	107.5 VA, Exmore	
0727	WFOG	92.9 VA, Suffolk	
0802	WSDL	90.7 MD, Ocean City	
0806	WXEZ	94.1 VA, Yorktown	
14 TR			
0907	UNID	92.9 "The New Soul Classics"	(Charles, this is Suffolk, VA's new format - grc)

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041

Equipment: Carver TX-11a w/IF Filter Mod, SP9s at 35' AGL & 12' AGL (vert pol for Es). Internet:
nordquist@twcny.rr.com

AUGUST 15, 1998 DX**15 ES KS-MO-AR MUF: 108 Mhz**

1211	100.3 KUKU	MO Willow Springs	
	Oldies 100		951



Good Time ROCK 'n ROLL KUKU

NOVEMBER 8, 1998 GW

2050	101.3 W267AL	NY Syracuse WKRL	xltr	6
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DECEMBER 11, 1998 GW

2230	91.9 W220CJ	NY Penn Yan Family Radio	xltr	58
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28 GW

1913	90.5 WXXE	NY Fenner Double-X		21
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FEBRUARY 8, 1999 GW

2100	90.3 Part 15 LPFM	NY Syracuse Electronic		
	Svc Center tape loop			6

MAY 1999 GX**11 Tr**

1217	91.7 CHOW	ON Welland k		154
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12 Tr

1427	101.9 WHUG	NY Jamestown		173
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23 Es 2131-2209 no IDs**24 Es 1930-2056 KS MUF: 101.9**

1930	94.3 KCVV	KS Wichita		1177
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1945	94.3 WTX	LA New Orleans		1196
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30 Es 1842 2026 no IDs**JUNE 1999 DX****10 Es 1842 1929 TX/OK MUF 100.3**

1837	97.1 KMMY	OK Muskogee		1146
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1838	95.5 KAFX	TX Diboll		1318
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17 Es 2025 2115 FL MUF 95.5

2108	90.1 WTJT	FL Crestview g		1031
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18 Es 2050-2103 Unids**19 Es 2001-2026 LA MUF 95.5**

2026	95.5 KRRG	LA Lafayette		1253
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20 Es 0919 & 1740-1826 MO/KS/IL/IA MUF 104.9

1757	92.3 KCCV	KS Olathe g		1017
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1802	95.5 WGLO	IL Pekin k		718
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1809	100.7 KMZU	MO Carrollton k		939
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23 Es 1828 2130 KS/LA MUF 97.1

2130	94.3 KCVV	KS WICHITA g	1177	
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26 Es biggie 1013-2103 KS/MO/IA/TX/OK/LA. MUF**108+**

1027	100.1 KNOZ	MO Cameron		967
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1037	93.9 KDGS	KS Andover		1167
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1057	92.5 KQMA	KS Phillipsburg		1223
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1059	93.5 KRSS	MO Tarkio		1009
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1101	95.5 KAA	NO Bethany		944
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1117	89.5 KHCD	KS Salina		1159
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1130	92.3 KTTN	MO Trenton		927
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1219	95.5 KQNS	KS Lindsborg		1168
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1223	98.1 KYBD	KS Copeland		1339
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1303	91.7 K219DC	KS St. John KJIL	xltr	
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		225 watts		1240
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2051	91.9 KAVX	TX Lufkin	1308	
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Also many UNIDs/relogs during this marathon
 Es session.

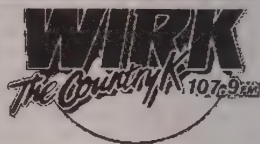
WTIX-FM 94.3

Fred Nordquist's report continues:**JUNE 26 GW**1153 90.3 WRVD NY Syracuse file://WRVO 6**JULY 1999 DX**

3 GW

1745 98.1 W251AK NY Nedrow WVOA xltr 10**6 Es****1810-2215 AL/AR/MS/FL/OK/TX MUF: 107.9**1810 90.9 WJAB AL Huntsville ID 8081857 97.1 WOKK MS Meridian ads 10121916 100.1 WPCF FL Panama Beach ad 10411948 95.5 KITX OK Hugo lcl ads 12222019 100.5 WHMA AL Anniston c/ads 8392022 104.1 KKUS TX Tyler lcl ads 12852122 104.5 KKMY TX Orange ID 13322155 107.5 KRAW LA Lake Arthur Crawfish 1072207 106.3 KXOR LA Thibodaux 1287

New Eagle 106 1231

7 Es 1241-1251 TN/LA & 1754-1843 TX/AR**MUF: 95.5**1241 94.1 WDGY TN Germantown r 9211248 92.7 KWJM LA Farmville Paradise 92.7 11391801 90.7 KBAU TX Big Sandy ID 12661808 90.5 KLRE AR Little Rock ID 10431812 90.9 KSWP TX Lufkin ID 13081843 91.1 WJNF FL Marianna g ID 990**31 Es 2122 2156 MS/TX/OK MUF: 95.5**

Totals to 1796 Es season much improved over last year with lots of June Es noted. Es antenna helped open up normally blocked channels due to 12' height vertically positioned to minimize locals/semilocals & tilted ~10 degrees to maximize Es reception angle. 73 Fred

BOB SMOLAREK - 31 MARK DRIVE - HIGH BRIDGE, NEW JERSEY 08829

Equipment: McIntosh MR78, Channel Master Stereo Probe 9 Internet: rsmolarek@ems.att.com

JULY 1999**6 ES**1738 92.9 KEGL Beatrice NE1810 92.1 KKEG Fayetteville AR

"The Keg", in Clinton's old college town!

1815 98.5 KTJJ Farmington MO1819 94.7 KSHE Crestwood MO1851 95.5 KJEZ Poplar Bluff MO

"Classics 95 point 5"

1855 97.3 KXUS Springfield MO1856 97.9 KRBB Wichita KS

"B-98FM". Actually gave address over the air, what luck!

1857 98.7 KWTO Springfield MO

"Rock 99"

1859 99.7 KBTN Neosho MO1919 92.3 KOEZ Newton KS1928 92.7 KLOZ Eldon MO

"Z-93 The mix"

1930 106.5 KYQQ Arkansas City KS With TV audio talking about a tornado ripping through Wichita, very interesting.1936 107.3 KKRQ Wichita KS1939 103.1 KOFM Enid OK

"Thunder 103 point 1"

1947 95.9 KAZY Winfield KS1948 93.7 KSPI Stillwater OK2000 93.3 KKNG Newcastle OK

"King Country"

2002 106.3 KRZK Branson MO2003 107.7 KRXO Oklahoma City OK2015 98.5 KVOO Tulsa OK2016 97.1 KMMY Muskogee OK2018 96.3 KSCS Fort Worth TX2019 96.7 KMEQ Flower Mound TX

"Memories 96 point 7"

2022 101.3 KLAW Lawton OK2023 104.7 KYYI Burk Burnett TX**JULY 6 ES CONT**2025 105.9 KQTZ Hobart OK

"Power Hits KQ-106"

2027 97.7 KPCB Dubach LA2030 101.9 KTST Oklahoma City OK

"The Twister"

2031 102.7 KJYO Oklahoma City OK2033 106.5 KBVA Bella Vista AR2035 103.7 KRPT Anadarko OK2037 102.3 KRTQ Sand Springs OK2046 99.1 KMAG Fort Smith AR2051 97.9 KZBB Poteau OK2056 102.3 KRHB Duncan OK2105 99.9 KTCB Fort Smith AR2107 98.5 KACO Ardmore OK2111 92.9 KNIN Wichita Falls TX2114 101.7 KZMP Azle TX2153 99.7 WMC Memphis TN2158 106.3 KYGL Texarkana AR2202 106.5 KOOI Jacksonville TX2207 96.7 KDYN Ozark AR2320 92.9 WBLX Mobile AL**7 ES****In car around the Somerset Hills**1720 100.5 KZHE Stamps AR1725 92.9 KANS Osage City KS

"Kansas Radio"

27 ES2042 92.1 KTSR College Station TX2049 92.1 KROK DeRidder LA**AUGUST 1999****12 GW**1900 99.7 WBHX Tuckerton NJ**25 TR**2220 100.9 WRNX Amherst MA2223 93.1 WHYN Springfield MA

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 32 feet above ground separated at 23 feet, with use of Bolin phase box.

May 1990 (CDT)

18 Es					23 Es (June cont'd)				
1900 KFTG	88.1	TX	Pasadena, g	914	1736 KJBZ	92.7	TX	Laredo, k	1193
1906 KLLO	101.1	TX	Houston, pr	915	1822 XHEC	91.9	CL	Sabinas, lk, SS	1240
1922 KSBQ	89.3	TX	Humble, g	898	1920 KOIE	90.5	NM	Dulce, r	1212
1924 KKBQ	92.9	TX	Pasadena, k	914	1928 KDAG	96.9	NM	Farmington, k	1257
1930 KAVX	91.9	TX	Lufkin, g	805	1932 KRWV	92.9	NM	Farmington, op	1257
1934 KSAB	99.9	TX	Robstown, lk	1109	1943 KWYK	94.9	NM	Aztec, r	1244
1938 KVIC	95.1	TX	Victoria, ad	1028	1948 KRTN	93.7	NM	Raton, wx	1052
1940 KSWP	90.9	TX	Lufkin, g, PSA,	805	1952 KZRQ	105.1	NM	Santa Fe, ads	1185
ex-91.1			begging for \$\$		2007 KGLX	99.1	NM	Gallup, k	1314
23 Es					2012 *KWRK	96.1	AZ	Window Rock, s	1327
1800 KTEO	90.5	TX	Wichita Falls, g	844	(o/WQLK	96.1	IN	Richmond)	35
1815 KRTQ	102.3	OK	Sand Springs-	646	2021 KKOB	93.3	NM	Albuquerque, r	1217
			Tulsa, "Rock-102.3"		26 Es				
1817 KOFM	103.1	OK	Enid, k	725	1107 CHSJ	94.1	NB	Saint John, k,	1042
1820 KCMO	94.9	MO	Kansas City, ad,	495				"Country-94"	
			previous tr		1129 WMEH	90.9	ME	Bangor, c	904
1828 KKYT	105.3	NE	McCook, k,	805	1138 WEBB	98.5	ME	Waterville, ads	859
			"Coyote Country"		1156 WEZQ	92.9	ME	Bangor, rm, ads	904
1830 KGCR	107.7	KS	Goodland, g	869	1200 WYFF	91.9	ME	Harpwell-	829
1842 KJCR	88.3	TX	Keene, g	856				Freeport, g	
1858 KFNX	94.5	TX	Amarillo, r	962	1214 WHOM	94.9	NH	Mt. Washington, r	777
1900 KUFN	88.5	TX	Brownfield, g	1053	1215 WWA	95.3	ME	Winslow, g	858
June 1999					1216 WBLM	102.9	ME	Portland, ads	812
6 tr					1615 KNTU	88.1	TX	Denton, j	808
0152 KDJR	100.1	MO	DeSoto, k	311	1650 KFL	95.3	TX	Floydada, k,	978
10 Es								"K-Flip Country"	
1928 KLNC	93.3	TX	Killeen-Austin, k	934	1700 KOSU	91.7	OK	Stillwater, c	694
1935 KLEY	94.1	TX	Floresville-SAT, 1	1054	1703 KMLL	96.9	TX	Amarillo, k	962
1950 KLT	94.1	TX	Fort Worth, gr	839	1707 KRNN	92.7	TX	Shamrock, calls	882
17 ms					1716 KSBQ	89.3	TX	Humble, g	898
1730 KNTU	88.1	TX	Denton	808	1723 KASE	100.7	TX	Austin, k	978
18 Es					1725 KEJL	100.9	NM	Eunice, op	1125
1933 WPBZ	103.1	FL	Indiantown, ads	953	1728 KTXN	102.9	NM	Hobbs, k, wx	1114
1942 WAYF	88.1	FL	W Palm Beach, gr	980	1731 KRXO	107.7	OK	OK City, r	739
1946 WONE	98.1	FL	Titusville, k	841	1734 KKYN	103.9	TX	Plainview, k	990
1952 WJRR	101.1	FL	Cocoa Beach, ads	864	1755 KSEL	95.3	NM	Portales, r	1072
20 ms					1757 KLJT	102.3	TX	Jacksonville, g	792
?? KCFX	101.1	MO	Kansas City	495	2006 KCDL	99.3	OK	Cordell, k	817
20 Es					2010 KTBZ	107.5	TX	Lake Jackson, rp	960
1651 WSY	94.9	ME	Millinocket, k	924	2013 KYOC	100.1	OK	Byng, k	722
1700 CKMF	94.3	PQ	Montreal, r	703	2018 KFOR	107.3	TX	Post, ? KOFR ?	1009
1703 WOZT	101.9	ME	Presque Isle, o, ad	980	(DJ definately said KFOR "K-Free 107")				
1705 WEZF	92.9	VT	Burlington, rm	689	2025 KONE	101.1	TX	Lubbock, ads	1018
1721 CJMF	93.3	PQ	Quebec, ad, r	844	2035 *KCRM	99.5	TX	Lubbock, pr	1018
21 Es					(o/WZPL	99.5	IN	Greenfield-Indy)	50
0900 *KUT	90.5	TX	Austin, r	978	2037 KSMX	107.5	NM	Clovis, wx	1059
(o/WWDS	90.5	IN	Muncie, 30w)	6	2052 KWTS	91.1	TX	Canyon, pr	974
1000 *XMLS	91.3	TM	Matamoros, ID, SS	1212	2100 KRWG	90.7	NM	Las Cruces, c	1293
(o/WWHT	91.3	IN	Muncie, 31ow)	5	2108 KPRR	102.1	TX	El Paso, r	1316
1020 XHEC	91.9	CL	Sabinas, 1, SS, ad	1240	2128 KTQM	99.9	NM	Clovis, rm	1059
1025 KJEF	94.9	LA	Jennings, k	802	July 1999				
1058 KZOM	104.7	TX	Ganado, k,	985	1 Es				
(calls sounded like KZAM, not KZOM)					1737 KGSU	90.5	CO	Fort Collins, p	1037
1122 KJIC	90.5	TX	Santa Fe, g	919	1750 K22OFV			(KGRD calls)	
1137 KPLV	93.3	TX	Port Lavaca, k	1025				91.9 SD Yankton, g, PSA	648
1142 KVIC	95.1	TX	Victoria, ad	1028	1753 KWR	93.7	SD	Winner, ads	777
1153 KJFK	98.9	TX	Lampasas, ad, mono	959	1756 KMOR	92.9	NE	Scottsbluff, ad	960
1207 KTEP	88.5	TX	El Paso, j	1316	1819 KFLQ	91.5	NM	Albuquerque, g	1217
22 Es					1821 KSEC	93.3	CO	Lamar, ads	935
1937 KMGW	94.5	WY	Casper, wx	1099	1825 KCR	92.5	CO	Trinidad, k, ad	1053
2020 KMOR	92.9	NE	Scottsbluff, ad	960	1827 KCCY	96.9	CO	Pueblo, ad	1038
23 Es					1838 KSPK	102.3	CO	Walsenburg, k	1058
1532 KGNZ	88.1	TX	Abilene, g	961	4 Es				
1535 KLCU	90.3	OK	Ardmore, c	769	1244 KONO	101.1	TX	Helotes, o	1055
								(* Denotes use of phase box)	

- continued -

4 Es (July cont'd)

1245 XHEC 91.9 CL Sabinas, SS 1240
2004 KOOV 103.1 TX Copperas Cove, k 941

KY 94

Today's Country Favorites

2008 KYEZ 93.7 KS Salina, k 659
2022 KICX 96.1 NE McCook, rm, wx 805
2033 KPRZ 96.1 CO Fountain, g, wx 1036
(o/WQLK 96.1 IN Richmond) 35
2046 KGFT 100.7 CO Pueblo, g 1038
2048 KALC 105.9 CO Denver, r 1040
2052 KQKS 104.3 CO Longmont, k 1041
2054 KUAD 99.1 CO Windsor, r 1028
2100 KUWR 91.9 WY Laramie, j 1060
2101 K202BP (KROA calls) 710
2106 KBPI 106.7 CO Denver, p 1040
2116 KMUS 101.9 WY Burns, k 996
2137 KMTY 97.7 NE Holdrege, r 737
2200 KAML 96.9 WY Gillette, r 1068

6 Es
1847 WEVO 89.1 NH Concord, t mono 742
"NH Public Radio"

(o/WBNI 89.1 IN Fort Wayne) 62
1917 KEOM 88.5 TX Mesquite, r 807

7 tr
0140 KZKK 96.9 NE Seward-Lincoln, k 617
0215 KMZU 100.7 MO Carrollton, k 435
0225 KMXV 93.3 MO Kansas City, r 495
0245 KRES 104.7 MO Moberly, k 378
0330 KZZT 105.5 MO Moberly, o 378

7 Es
1200 KUNC 91.5 CO Greeley- 1018
Fort Collins, c
1204 KIQQ 92.7 WY Rawlins, k, ads 1145
1218 KYCS 95.1 WY Rock Springs, ads 1249
1221 KTRZ 93.1 WY Riverton, rm 1204
1222 KTAZ 93.9 WY Riverton, k 1204
1225 KMLD 97.3 WY Casper, o, wx, 1099
"Melody 97.3"

1233 KAML 96.9 WY Gillette, ad 1068
1238 KKLX 96.1 WY Worland, r, ads 1187
(o/WQLK 96.1 IN Richmond) 35
1247 KLGt 92.9 WY Buffalo-Sheridan- 1127
Gillette-Hardin MT, k

ex-92.7
1255 KZWY 94.9 WY Sheridan, r 1145
1303 KCTR 102.9 MT Billings, k 1228
1325 KZIN 96.3 MT Shelby, nx 1428
1337 KPQX 92.5 MT Havre, wx 1332

19 tr
1700 WKLX 100.7 KY Brownsville- 210
Bowling Green, rm

24 ms (July cont'd)

0137 KJMO 100.1 MO Jefferson City, 379
previous tr

24 tr
1800 KRNG 96.3 IA Keokuk, op 317
1838 KDMG 103.1 IA Burlington, k 310
2315 KRKN 104.3 IA Eldon, k 360

25 tr
0234 KOKX 95.3 IA Keokuk, k 317
2000 WQCF 89.3 KY Paducah, g 276
2023 KMAL 92.9 MO Malden, r 352

26 tr
0003 WTAO 105.1 IL Murphysboro, r 270
ex-104.9 "Rock-105 TAO"

0400 WAYM 88.7 TN Columbia- 328
Clarksville-Nashville, g

(o/WICR 88.7 IN Indy) 50
0405 WVCP 88.5 TN Gallatin, r 268

0605 WCMW 103.9 MI Harbor Springs 363
2200 WGNJ 89.3 IL St. Joseph, g, 140

Good News Radio, equipment tests
29 tr

1750 KKLS 104.7 SD Sioux Falls, r 628
30 tr

0106 WGBV 94.1 KY Glasgow, k, 222
"The Beaver"

31 tr
0200 WBYS 107.9 IL Canton, mr 246
(o/WTPI 107.9 IN Indy) 50

1050 WNNK 92.1 IL Carthage, o, ID 303
(WBST 92.1 IN Muncie, off air) 5

August 1999
3 tr

0100 KOMC 100.1 MO Kimberling 495
City, m

8 ms
77 WNOE 101.1 LA New Orleans 755

9 tr
0257 WWJM 105.9 OH New Lexington, r 171
ex-106.3 "105.9 The Mix"

(o/WFPB 105.9 OH Middletown) 70
11 tr

0700 WRVP 101.1 IL Glasford- 230
"The River" Peoria, r

14 ms
0300 KQLA 103.5 KS Ogden, 607
Previous tr

17 tr
0100 WRSR 103.9 MI Owosso-Flint, 205
"Soft Rock 103.9" mr

(o/WXKE 103.9 IN Fort Wayne) 62
22 tr

2000 WBJW 91.7 IL Albion, g 190
(o/WBSJ 91.7 IN Portland) 27

23 tr
2100 WXAV 88.3 IL Chicago, p, 150w165
(All stations caught on tape)

Meteor Scatter Results:

6/17 KNTU "...the late edition. Good evening, KNTU news time is 5:30..."
6/20 KCFX "...101 KCFX and you..."
7/24 KJMO "...so keep your radio tuned to Kiss-100.1 for the most..."

8/08 WNOE "...WNOE. Right now it's the Dixie Chicks, and you're listening to today's hot country and your all time favorites on the big one 101.1 WNOE..."
8/14 KQLA "...KQLA Ogden..."

The Es season was a disappointment last summer. Signals were very choppy and sporadic. When DXers from IL had wonderful Es to the east coast, I found nothing, as Muncie, IN is too close to such states as PA MD VA NC SC, etc.

Last July 29, I had arthroscopic surgery on my left shoulder. The surgeon made three incisions, taking spurs, adhesions, and scar tissue off the bones, which was causing pinched nerves and pain. The therapy has been much more painful, but the pain is gradually going away. Ed. band total - 719. Meteor scatter at 218.

BETTER SELECTIVITY AND SENSITIVITY FROM VIRTUALLY ANY FM RADIO!

by Bruce Carter

There is one area where even good audio gear skimps - and it is called "test-selecting" parts. They don't do it because it is expensive and labor intensive. Which parts am I talking about? I am talking about little parts the size of your fingernail, called "IF ceramic filters". For those familiar with electronics, they look like little ceramic disk capacitors, except they have three leads on them instead of two. Here is an enlarged picture:



These ceramic filters are relatively new innovations in electronics, and have only been in use about 15 years. Early ceramic filters had much looser specs and wider bandwidths - Delco car radios are notorious for this! Vast improvements can be made by swapping these older filters for newer ones. Even older receivers may not use them at all, having several "IF transformers" instead. If you really know what you are doing, you can modify these radios by finding an interstage coupling capacitor or two, and swapping it out with a ceramic filter. You will need to hook the center conductor of the filter to ground. Watch the DC voltages in tube equipment, however!

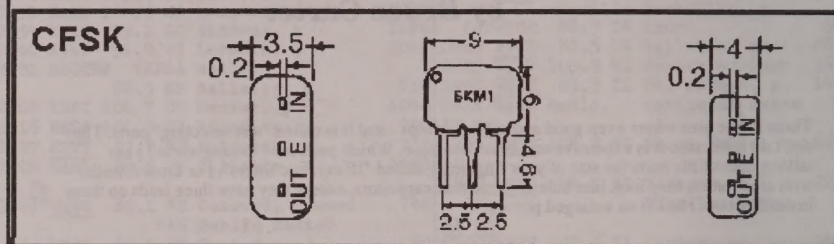
The majority of these filters are manufactured by two manufacturers - Murata and Toko. They come in several varieties, or bandwidths. Almost without exception, what is installed in your tuner is a 280 kHz variety. Since FM stations are spaced every 200 kHz, this means that they are wider than they have to be for each station. The reason for this is that they are not precise, they can be a little high or low. If you use 280 kHz, you are guaranteed of covering the whole station.

So - by test selecting filters that are all centered the same, you would only need 200 kHz. Standard filter values, or bandwidths are: 280, 230, 180, 150, 100, and 90 kHz. So you should use 230, right? WRONG!!! The way FM is actually transmitted, you only need a little over half of the 200 kHz bandwidth for stereo reception. The rest of the channel is used for elevator music, paging, telemetry, and other things that you don't need at all. A good compromise is to use the 150 kHz ceramic filters, matching them carefully for center frequency. This will yield superb selectivity, and you will notice a big increase in sensitivity as well. The reason for this is a thing called the "gain/bandwidth product". As the bandwidth goes down, the gain goes UP! It isn't hard to understand the conceptual reason - instead of amplifying parts of adjacent channels and all the sub-carrier stuff you don't need, you are focusing right on just the important portions of the station you are interested in. You aren't wasting energy and resources on noise. It is VERY important to match the filters. If they are not matched, your stereo receptions will suffer BADLY! The best way for an amateur without the necessary equipment is trial and error. It is pretty easy if your stereo only has two of these filters. If it has three, the best thing to do is leave the first one alone and just change out the second two. Then you can go back and change the first one to match the other two if you want. It won't make that much difference.

PROCEDURE

(1) Before doing anything else, you need to order the parts you need. The quickest way is to order them from Digi-Key (1-800-344-4539). They can accept credit card orders, so have your credit card handy. Think ahead - most radios have 2 FM ceramic filters, so order 2 for each radio you want to modify. They don't cost that much. The part number you want is: TK2308-ND Single pieces are 72 cents, it is \$6.27 for 10. The description is "FM ceramic filters" (with 150 kHz bandwidth). The Toko part number is: SK107M4-AO-10. Here is the catalog page:

FM Ceramic Filters "10.7MHz"



BW @3dB (KHz)	Ins. Loss (Max.)	Spurious Response (9-12 MHz)	Im- ped- ance	Digi-Key Part No.	Pricing			Toko Part No.
					1	10	100	
CFSK Type \$NEW!								
280	6dB	30dB	330Ω	TK2304-ND	.86	7.56	54.00	SK107M1-AO-10
230	6dB	35dB	330Ω	TK2306-ND	.86	7.56	54.00	SK107M2-AO-00
180	7dB	40dB	330Ω	TK2307-ND	.98	8.58	73.50	SK107M3-AO-20
150	10dB	40dB	330Ω	TK2308-ND	.72	6.27	49.23	SK107M4-AO-10
110	10dB	30dB	330Ω	TK2309-ND	.90	7.88	61.88	SK107M5-AO-10

If you are modifying a portable radio that does NOT have stereo reception, you can substitute a TK2309-ND / SK107M5-AO-10. It is slightly more expensive but will reject adjacent frequencies better.

(2) You need to find the FM ceramic filters in your radio (described above). Some portables may have only one, most other radios 2 or 3. You may have to do a fair amount of disassembly to find them. You will need to be able to get to the underside of the PC board to unsolder them.

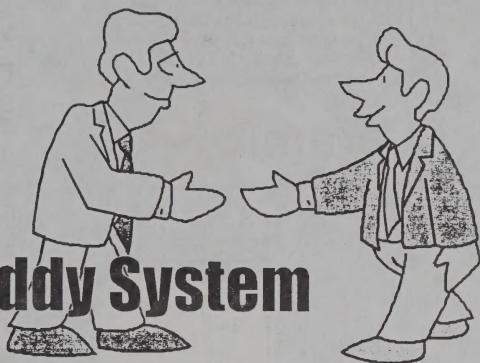
(3) Make note of location of the polarity marker on the old ceramic filter(s). It is usually a red dot. Carefully unsolder each ceramic filter in the radio, cleaning the traces and holes after you get it out. Solder wick or a vacuum de-soldering tool is very helpful. Solder in the new ceramic filters with their polarity markers in the same direction as the old. Trim excess lead length and re-assemble.

TRADE OFFS

1. You are giving up is the portion of the FM station above 57 kHz. If you are interested in the background music transmitted on an SCA subcarrier, or in RDS information, you cannot do this modification.
2. If you have a portable, or a radio with manual (non-digital) tuning, you may find it harder to tune stations precisely. The radio's AFC function, usually switchable, may help, but it may also lock on a stronger nearby station, usually the one you are trying to get rid of!

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Introduces

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Now you can be a dxer's buddy, by sponsoring a TV/FM dxer that lives in a financially disadvantaged part of the world. Some people in second & third world countries that are TRUE dxers, are limited financially. By joining the Dxr's Buddy System, you can give your buddy a one year (or more) membership in the Worldwide TV/FM DX Association. Not only will it increase the joy of that persons interest in dxing, you'll also be spreading the word about TV/FM dxing to the world. And then there's the possibility of being named the Dxr's Buddy of the Year....

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One day, someone might say to you,
"Thanks for being my buddy!!"



To get an instruction sheet and form for the Dxr's Buddy System, e-mail marketing team leader Jim Thomas at oldwest@oneimage.com, or, mail him at 280 E. Katsura Street, Milliken, CO 80543

If you'd like to know about someone you can sponsor, e-mail Mike Bugaj at ikon@netcom.com.

The world is waiting for YOU to be someone's buddy!!



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072

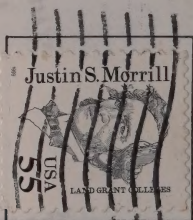


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